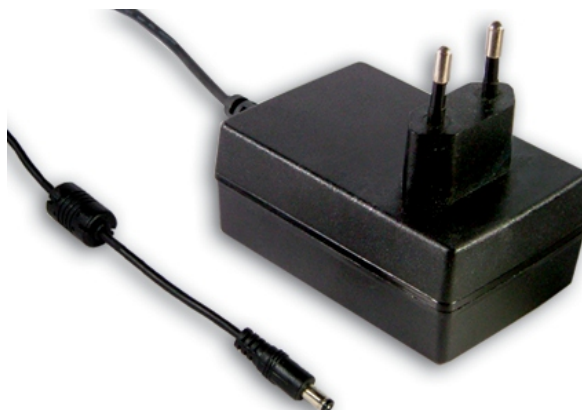




## Features

- Global certificates
- Universal AC input / Full range
- 2 pole EURO plug, Class II power unit
- No load power consumption < 0.075W
- Energy efficiency Level VI
- Comply with EU ErP and CoC Version 5
- Protections: Short circuit / Overload / Over voltage
- Fully enclosed plastic case
- Pass LPS
- -30~+70°C wide range working temperature
- LED indicator for power on
- Various DC plug quick adapter accessory available  
(Plug kit sold separately, please refer to : [https://www.meanwell.com/upload/pdf/DC\\_plug.pdf](https://www.meanwell.com/upload/pdf/DC_plug.pdf) )
- 3 years warranty

## Applications

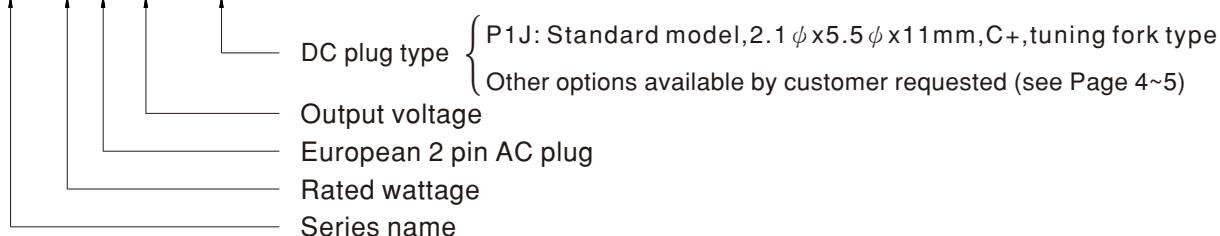
- Consumer electronic devices
- Telecommunication devices
- Office facilities
- Industrial equipments

## Description

GST25E is a highly reliable, 25W wall-mounted style single-output green adaptor series. This product is a class II power unit (no FG), equipped with a 2-Pin standard European AC power plug, adopting the input range from 85VAC to 264VAC. The entire series supplies different models with output voltages ranging between 5VDC and 48VDC that can satisfy the demands for various types of consumer electronic devices. With the efficiency up to 89% and the extremely low no-load power consumption below 0.075W, GST25E is compliant with EU ErP, and Code of Conduct (CoC) Version 5. The supreme feature allows the adaptor to save the energy when it is either under the operating mode or the standby mode. The entire series utilizes the 94V-0 flame retardant plastic case, providing the double insulation that effectively prevents electrical shock. GST25E is certified for the international safety regulations.

## Model Encoding

**GST 25 E 05 -P1J**

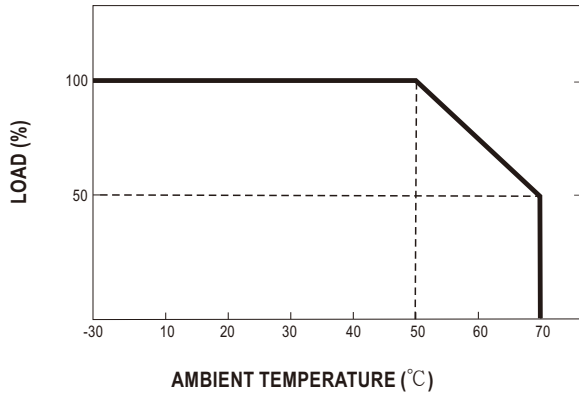




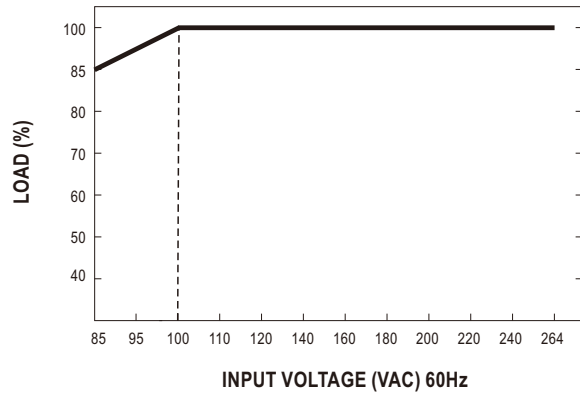
## SPECIFICATION

| ORDER NO.                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | GST25E05-P1J                                                                                                            | GST25E07-P1J                    | GST25E09-P1J                     | GST25E12-P1J | GST25E15-P1J | GST25E18-P1J | GST25E24-P1J                                                                   | GST25E28-P1J | GST25E48-P1J |  |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------|--------------|--------------|--------------|--------------------------------------------------------------------------------|--------------|--------------|--|
| OUTPUT                    | SAFETY MODEL NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | GST25E05                                                                                                                | GST25E07                        | GST25E09                         | GST25E12     | GST25E15     | GST25E18     | GST25E24                                                                       | GST25E28     | GST25E48     |  |
|                           | DC VOLTAGE <span>Note.2</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5V                                                                                                                      | 7.5V                            | 9V                               | 12V          | 15V          | 18V          | 24V                                                                            | 28V          | 48V          |  |
|                           | RATED CURRENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4.0A                                                                                                                    | 2.93A                           | 2.55A                            | 2.08A        | 1.66A        | 1.38A        | 1.04A                                                                          | 0.89A        | 0.52A        |  |
|                           | CURRENT RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0 ~ 4.0A                                                                                                                | 0 ~ 2.93A                       | 0 ~ 2.55A                        | 0 ~ 2.08A    | 0 ~ 1.66A    | 0 ~ 1.38A    | 0 ~ 1.04A                                                                      | 0 ~ 0.89A    | 0 ~ 0.52A    |  |
|                           | RATED POWER (max.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20W                                                                                                                     | 22W                             | 23W                              | 25W          | 25W          | 25W          | 25W                                                                            | 25W          | 25W          |  |
|                           | RIPPLE & NOISE (max.) <span>Note.3</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 80mVp-p                                                                                                                 | 80mVp-p                         | 80mVp-p                          | 80mVp-p      | 100mVp-p     | 100mVp-p     | 150mVp-p                                                                       | 150mVp-p     | 150mVp-p     |  |
|                           | VOLTAGE TOLERANCE <span>Note.4</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ± 5.0%                                                                                                                  | ± 5.0%                          | ± 5.0%                           | ± 3.0%       | ± 3.0%       | ± 3.0%       | ± 2.0%                                                                         | ± 2.0%       | ± 2.0%       |  |
|                           | LINE REGULATION <span>Note.5</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ± 1.0%                                                                                                                  | ± 1.0%                          | ± 1.0%                           | ± 1.0%       | ± 1.0%       | ± 1.0%       | ± 1.0%                                                                         | ± 1.0%       | ± 1.0%       |  |
|                           | LOAD REGULATION <span>Note.6</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ± 5.0%                                                                                                                  | ± 5.0%                          | ± 5.0%                           | ± 3.0%       | ± 3.0%       | ± 3.0%       | ± 2.0%                                                                         | ± 2.0%       | ± 2.0%       |  |
| SETUP, RISE, HOLD UP TIME |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1000ms, 30ms, 50ms/230VAC      1500ms, 30ms, 15ms/115VAC at full load                                                   |                                 |                                  |              |              |              |                                                                                |              |              |  |
| INPUT                     | VOLTAGE RANGE <span>Note.7</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 85 ~ 264VAC                                                                                                             |                                 |                                  |              |              |              |                                                                                |              |              |  |
|                           | FREQUENCY RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 47 ~ 63Hz                                                                                                               |                                 |                                  |              |              |              |                                                                                |              |              |  |
|                           | EFFICIENCY (Typ.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 81.5%                                                                                                                   | 84.5%                           | 85%                              | 86.5%        | 87%          | 87%          | 88%                                                                            | 88%          | 89%          |  |
|                           | AC CURRENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.6A / 115VAC      0.35A / 230VAC                                                                                       |                                 |                                  |              |              |              |                                                                                |              |              |  |
|                           | INRUSH CURRENT (max.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cold start   35A / 115VAC      65A / 230VAC                                                                             |                                 |                                  |              |              |              |                                                                                |              |              |  |
|                           | LEAKAGE CURRENT(max.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.25mA / 240VAC                                                                                                         |                                 |                                  |              |              |              |                                                                                |              |              |  |
| PROTECTION                | OVERLOAD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 110 ~ 150% rated output power<br>Protection type : Hiccup mode, recovers automatically after fault condition is removed |                                 |                                  |              |              |              |                                                                                |              |              |  |
|                           | OVER VOLTAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 110 ~ 140% rated output voltage<br>Protection type : Clamp by zener diode                                               |                                 |                                  |              |              |              |                                                                                |              |              |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                         |                                 |                                  |              |              |              |                                                                                |              |              |  |
| ENVIRONMENT               | WORKING TEMP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -30 ~ +70°C (Refer to "Derating Curve")                                                                                 |                                 |                                  |              |              |              |                                                                                |              |              |  |
|                           | WORKING HUMIDITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 20% ~ 90% RH non-condensing                                                                                             |                                 |                                  |              |              |              |                                                                                |              |              |  |
|                           | STORAGE TEMP., HUMIDITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -40 ~ +85°C, 10 ~ 95% RH non-condensing                                                                                 |                                 |                                  |              |              |              |                                                                                |              |              |  |
|                           | TEMP. COEFFICIENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ± 0.03% / °C (0 ~ 50°C)                                                                                                 |                                 |                                  |              |              |              |                                                                                |              |              |  |
|                           | VIBRATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes                                                 |                                 |                                  |              |              |              |                                                                                |              |              |  |
| SAFETY & EMC<br>(Note. 9) | SAFETY STANDARDS <span>Note. 8</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TUV EN62368-1, EAC TP TC 004 approved; SIRIM MS IEC60950-1 (optional) approved                                          |                                 |                                  |              |              |              |                                                                                |              |              |  |
|                           | WITHSTAND VOLTAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | I/P-O/P:4242VDC                                                                                                         |                                 |                                  |              |              |              |                                                                                |              |              |  |
|                           | ISOLATION RESISTANCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH                                                                              |                                 |                                  |              |              |              |                                                                                |              |              |  |
|                           | EMC EMISSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Parameter                                                                                                               | Standard                        |                                  |              |              |              | Test Level / Note                                                              |              |              |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Conducted emission                                                                                                      | EN55032(CISPR32), EAC TP TC 020 |                                  |              |              |              | Class B                                                                        |              |              |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Radiated emission                                                                                                       | EN55032(CISPR32), EAC TP TC 020 |                                  |              |              |              | Class B                                                                        |              |              |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Harmonic current                                                                                                        | EN61000-3-2                     |                                  |              |              |              | Class A                                                                        |              |              |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Voltage flicker                                                                                                         | EN61000-3-3                     |                                  |              |              |              | -----                                                                          |              |              |  |
|                           | EMC IMMUNITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Parameter                                                                                                               | Standard                        |                                  |              |              |              | Test Level /Note                                                               |              |              |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ESD                                                                                                                     | EN61000-4-2                     |                                  |              |              |              | Level 3, 8KV air; Level 2, 4KV contact                                         |              |              |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | RF field susceptibility                                                                                                 | EN61000-4-3                     |                                  |              |              |              | Level 2, 3V/m                                                                  |              |              |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EFT bursts                                                                                                              | EN61000-4-4                     |                                  |              |              |              | Level 2, 1KV                                                                   |              |              |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Surge susceptibility                                                                                                    | EN61000-4-5                     |                                  |              |              |              | Level 4, 2KV/Line-Line                                                         |              |              |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Conducted susceptibility                                                                                                | EN61000-4-6                     |                                  |              |              |              | Level 2, 3V                                                                    |              |              |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Magnetic field immunity                                                                                                 | EN61000-4-8                     |                                  |              |              |              | Level 2, 3A/m                                                                  |              |              |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Voltage dips , interruption                                                                                             | EN61000-4-11                    |                                  |              |              |              | > 95% dip 0. 5 periods, 30% dip 25 periods,<br>> 95% interruptions 250 periods |              |              |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | OTHERS                                                                                                                  | MTBF                            | 500Khrs min. MIL-HDBK-217F(25°C) |              |              |              |                                                                                |              |              |  |
| DIMENSION                 | 79*54*33mm (L*W*H)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                         |                                 |                                  |              |              |              |                                                                                |              |              |  |
| PACKING                   | 202.5g; 60pcs/13.2Kg/1.22CUFT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                         |                                 |                                  |              |              |              |                                                                                |              |              |  |
| CONNECTOR                 | PLUG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See page 4~5 ; Other type available by customer requested                                                               |                                 |                                  |              |              |              |                                                                                |              |              |  |
|                           | CABLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See page 4~5 ; Other type available by customer requested                                                               |                                 |                                  |              |              |              |                                                                                |              |              |  |
| NOTE                      | 1.All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient.<br>2.DC voltage: The output voltage set at point measure by plug terminal & 50% load.<br>3.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1μf & 47μf capacitor.<br>4.Tolerance: includes set up tolerance, line regulation, load regulation.<br>5.Line regulation is measured from low line to high line at rated load.<br>6.Load regulation is measured from 10% to 100% rated load.<br>7.Derating may be needed under low input voltage. Please check the derating curve for more details.<br>8.The demand for Malaysia safety is processed with the order no. GST25E □ -SIRIM by request. Please contact MEAN WELL for details.<br>9.The power supply is considered as an independent unit, but the final equipment still need to re-confirm that the whole system complies with the EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies."<br>(as available on <a href="http://www.meanwell.com">http://www.meanwell.com</a> ) |                                                                                                                         |                                 |                                  |              |              |              |                                                                                |              |              |  |

### Derating Curve

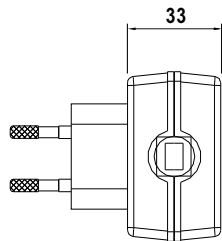
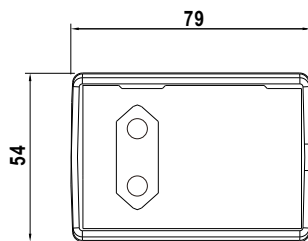
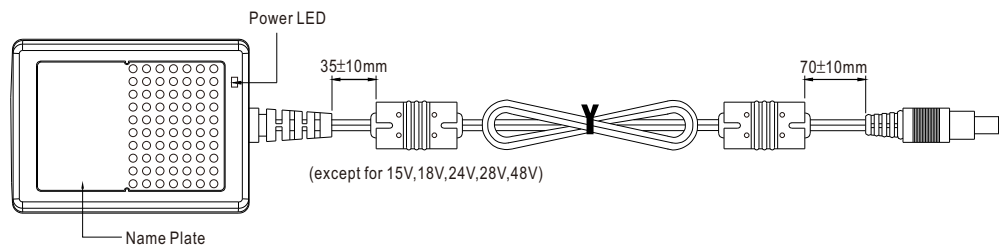
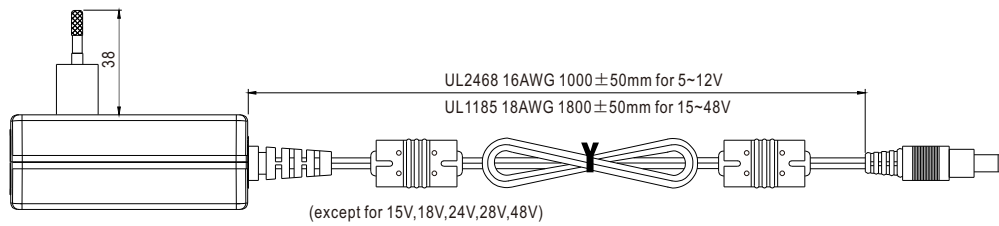


### Static Characteristics



### Mechanical Specification

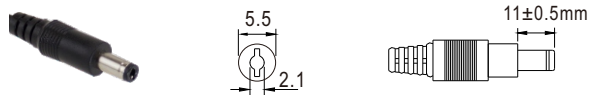
Unit:mm



2 pole EURO plug

# DC output plug

Standard plug: P1J

| P1J                                                                               | Pin Assignment                                                                                     |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|  |                 |
|                                                                                   | Outside  Inside |

DC plug changeable through:

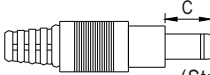
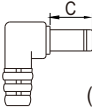
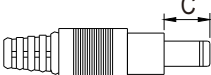
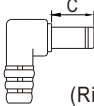
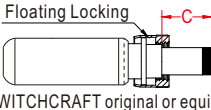
- Customization of the standard part with an optional DC plug according to the table (MOQ applicable)
- Quick adapter accessory (sold separately without MOQ)

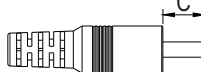
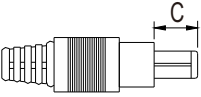
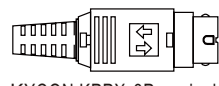
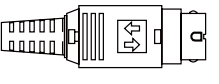
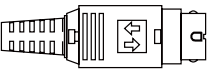
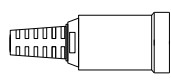
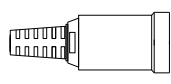
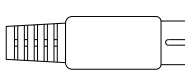
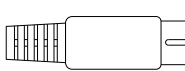
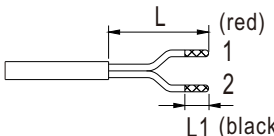
Please refer to below table and online selection guide : [https://www.meanwell.com/upload/pdf/DC\\_plug.pdf](https://www.meanwell.com/upload/pdf/DC_plug.pdf)

Example quick adapter accessory:



Optional DC plug: (Available in customized cable or quick adapter)

| Tuning Fork Style                                                                                                                                                          |                                                                                                                                               | Type No.   | A<br>OD | B<br>ID | C<br>L | Quick Adapter<br>Accessory               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------|------------------------------------------|
| <br> | <br>(Straight)                                             | P1I        | 5.5     | 2.1     | 9.5    | Available<br>(Current rating: 7.5A max.) |
|                                                                                                                                                                            |                                                                                                                                               | P1L        | 5.5     | 2.5     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P1M        | 5.5     | 2.5     | 11.0   |                                          |
|                                                                                                                                                                            | <br>(Right-angled)                                         | P1IR       | 5.5     | 2.1     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P1JR       | 5.5     | 2.1     | 11.0   |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P1LR       | 5.5     | 2.5     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P1MR       | 5.5     | 2.5     | 11.0   |                                          |
| Barrel Style                                                                                                                                                               |                                                                                                                                               | Type No.   | A<br>OD | B<br>ID | C<br>L | None                                     |
| <br> | <br>(Straight)                                             | P2I        | 5.5     | 2.1     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2J        | 5.5     | 2.1     | 11.0   |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2L        | 5.5     | 2.5     | 9.5    |                                          |
|                                                                                                                                                                            | <br>(Right-angled)                                         | P2M        | 5.5     | 2.5     | 11.0   |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2IR       | 5.5     | 2.1     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2JR       | 5.5     | 2.1     | 11.0   |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2LR       | 5.5     | 2.5     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2MR       | 5.5     | 2.5     | 11.0   |                                          |
| Lock Style                                                                                                                                                                 |                                                                                                                                               | Type No.   | A<br>OD | B<br>ID | C<br>L | None                                     |
| <br> | <br>Floating Locking<br>SWITCHCRAFT original or equivalent | P2S(S761K) | 5.53    | 2.03    | 12.06  |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2K(761K)  | 5.53    | 2.54    | 12.06  |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2C(S760K) | 5.53    | 2.03    | 9.52   |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2D(760K)  | 5.53    | 2.54    | 9.52   |                                          |

| Min. Pin Style                                                                                                                                                                                                                                                                             | Type No. | A                                                                                                                                                                                                                                                                                          | B           | C                                        | Quick Adapter<br>Accessory             |                                          |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------|----------------------------------------|------------------------------------------|--|
|                                                                                                                                                                                                                                                                                            |          | OD                                                                                                                                                                                                                                                                                         | ID          | L                                        |                                        |                                          |  |
|   <br>EIAJ equivalent                   | P3A      | 2.35                                                                                                                                                                                                                                                                                       | 0.7         | 11.0                                     | Available<br>(Current rating: 5A max.) |                                          |  |
|                                                                                                                                                                                                                                                                                            | P3B      | 4.0                                                                                                                                                                                                                                                                                        | 1.7         | 11.0                                     |                                        |                                          |  |
|                                                                                                                                                                                                                                                                                            | P3C      | 4.75                                                                                                                                                                                                                                                                                       | 1.7         | 11.0                                     |                                        |                                          |  |
| Center Pin Style                                                                                                                                                                                                                                                                           | Type No. | A                                                                                                                                                                                                                                                                                          | B           | C                                        | D                                      | Available<br>(Current rating: 7.5A max.) |  |
|   <br>EIAJ equivalent                   | P4A      | 5.5                                                                                                                                                                                                                                                                                        | 3.4         | 11.0                                     | 1.0                                    |                                          |  |
|                                                                                                                                                                                                                                                                                            | P4B      | 6.5                                                                                                                                                                                                                                                                                        | 4.4         | 11.0                                     | 1.4                                    |                                          |  |
|                                                                                                                                                                                                                                                                                            | P4C      | 7.4                                                                                                                                                                                                                                                                                        | 5.1         | 11.0                                     | 0.6                                    |                                          |  |
| Min. DIN 3 Pin with Lock (male)                                                                                                                                                                                                                                                            | Type No. | Pin Assignment                                                                                                                                                                                                                                                                             |             | Available<br>(Current rating: 7.5A max.) |                                        |                                          |  |
|   <br>KYCON KPPX-3P equivalent          | R6B      | PIN No.                                                                                                                                                                                                                                                                                    | Output      |                                          |                                        |                                          |  |
|                                                                                                                                                                                                                                                                                            |          | 1                                                                                                                                                                                                                                                                                          | +Vo         |                                          |                                        |                                          |  |
|                                                                                                                                                                                                                                                                                            |          | 2                                                                                                                                                                                                                                                                                          | -Vo         |                                          |                                        |                                          |  |
|   <br>KYCON KPPX-4P equivalent    | R7B      | Pin Assignment                                                                                                                                                                                                                                                                             |             | Available<br>(Current rating: 7.5A max.) |                                        |                                          |  |
|                                                                                                                                                                                                                                                                                            |          | PIN No.                                                                                                                                                                                                                                                                                    | Output      |                                          |                                        |                                          |  |
|                                                                                                                                                                                                                                                                                            |          | 1                                                                                                                                                                                                                                                                                          | +Vo         |                                          |                                        |                                          |  |
|                                                                                                                                                                                                                                                                                            |          | 2                                                                                                                                                                                                                                                                                          | -Vo         |                                          |                                        |                                          |  |
|   <br>KYCON KPPX-4P equivalent    | R7B      | 3                                                                                                                                                                                                                                                                                          | -Vo         |                                          |                                        |                                          |  |
|                                                                                                                                                                                                                                                                                            |          | 4                                                                                                                                                                                                                                                                                          | +Vo         |                                          |                                        |                                          |  |
|                                                                                                                                                                                                                                                                                            |          | Min. DIN 4 Pin with Lock (female)                                                                                                                                                                                                                                                          | Type No.    | Pin Assignment                           |                                        | None                                     |  |
|                                                                                                                                                                                                                                                                                            |          |   <br>KYCON KPJX-CM-4S equivalent | R7BF        | PIN No.                                  | Output                                 |                                          |  |
| 1                                                                                                                                                                                                                                                                                          | +Vo      |                                                                                                                                                                                                                                                                                            |             |                                          |                                        |                                          |  |
| 2                                                                                                                                                                                                                                                                                          | -Vo      |                                                                                                                                                                                                                                                                                            |             |                                          |                                        |                                          |  |
|   <br>KYCON KPJX-CM-4S equivalent | R7BF     | 3                                                                                                                                                                                                                                                                                          | -Vo         |                                          |                                        |                                          |  |
|                                                                                                                                                                                                                                                                                            |          | 4                                                                                                                                                                                                                                                                                          | +Vo         |                                          |                                        |                                          |  |
|                                                                                                                                                                                                                                                                                            |          | DIN 5 Pin (male)                                                                                                                                                                                                                                                                           | Type No.    | Pin Assignment                           |                                        | Available<br>(Current rating: 7.5A max.) |  |
|                                                                                                                                                                                                                                                                                            |          |                                   | R1B         | PIN No.                                  | Output                                 |                                          |  |
| 1                                                                                                                                                                                                                                                                                          | -Vo      |                                                                                                                                                                                                                                                                                            |             |                                          |                                        |                                          |  |
| 2                                                                                                                                                                                                                                                                                          | -Vo      |                                                                                                                                                                                                                                                                                            |             |                                          |                                        |                                          |  |
| 3                                                                                                                                                                                                                                                                                          | +Vo      |                                                                                                                                                                                                                                                                                            |             |                                          |                                        |                                          |  |
|                                   | R1B      | 4                                                                                                                                                                                                                                                                                          | -Vo         |                                          |                                        |                                          |  |
|                                                                                                                                                                                                                                                                                            |          | 5                                                                                                                                                                                                                                                                                          | +Vo         |                                          |                                        |                                          |  |
|                                                                                                                                                                                                                                                                                            |          | Stripped and tinned leads                                                                                                                                                                                                                                                                  | Type No.    | Pin Assignment                           |                                        | None                                     |  |
|                                                                                                                                                                                                                                                                                            |          |  <br>Length of Land L1 by request<br>(MW's standard length, L: <u>25</u> mm, L1: <u>5</u> mm)                        | by customer | PIN No.                                  | Output                                 |                                          |  |
| 1                                                                                                                                                                                                                                                                                          | +Vo      |                                                                                                                                                                                                                                                                                            |             |                                          |                                        |                                          |  |
| 2                                                                                                                                                                                                                                                                                          | -Vo      |                                                                                                                                                                                                                                                                                            |             |                                          |                                        |                                          |  |

# Installation Manual

Please refer to : <http://www.meanwell.com/manual.html>