

12 WATT

SINGLE OUTPUT SWITCHING ADAPTOR WALLMOUNT WMM12-SX-W SERIES

GENERAL SPECIFICATION

This specification describes the performance characteristics of a grounded, single phase, 12 Watts, Single Output Switching Adaptor.



1) INPUT

Description	Min.	Nominal	Max.	Condition
Input Voltage	90VAC	115/230V	264VAC	Auto Range; 50/60Hz
Input Current(rms)	0.3A@264Vac 0.5A@90Vac			
Line Frequency	47Hz	50/60Hz	63Hz	-
Efficiency	>65% 115VAC at full load (DC Conversion)			
EMI: FCC Class B; CISRP22 Class B; EN 55022 Class B				

2) OUTPUT

2.1) *Voltage Regulation: $\pm 3\%$

*Hold up time: 10ms typical at full load @ 115VAC

*Current Limit: $\pm 3\%$

DESCRIPTION MODELNO.	NOMINAL VOLTAGE	MAX. POWER	MAX.OUTPUT CURRENT	RIPPLY& NOISE
WMM12-05SX-W	5 V	12W	2.4 A	50 mV
WMM12-06SX-W	6 V	12W	2 A	60 mV
WMM12-07SX-W	7 V	12W	1.7 A	70 mV
WMM12-08SX-W	8 V	12W	1.5 A	80 mV
WMM12-09SX-W	9 V	12W	1.3 A	90 mV
WMM12-10SX-W	10 V	12W	1.2 A	100 mV
WMM12-11SX-W	11 V	12W	1.1 A	110 mV
WMM12-12SX-W	12 V	12W	1 A	120 mV
WMM12-13SX-W	13 V	12W	0.9 A	130 mV
WMM12-14SX-W	14 V	12W	0.9 A	140 mV
WMM12-15SX-W	15 V	12W	0.8 A	150 mV
WMM12-16SX-W	16 V	12W	0.8 A	160 mV
WMM12-17SX-W	17 V	12W	0.7 A	170 mV
WMM12-18SX-W	18 V	12W	0.7 A	180 mV
WMM12-19SX-W	19 V	12W	0.6 A	190 mV
WMM12-20SX-W	20 V	12W	0.6 A	200 mV
WMM12-21SX-W	21 V	12W	0.6 A	210 mV
WMM12-22SX-W	22 V	12W	0.5 A	220 mV
WMM12-23SX-W	23 V	12W	0.5 A	230 mV
WMM12-24SX-W	24 V	12W	0.5 A	240 mV

NOTE: 1. Peak to Peak with 20MHz bandwidth and 10uF in parallel with a 0.1uF capacitor.

2.CV-Constant Voltage: +5V~+24V/12W

CP-Constant Power: +10.5V~+4.4V/12W

3) PROTECTION:

- OVER VOLTAGE PROTECTION(OVP)
- AC RECYCLE SHORT CIRCUIT PROTECTION
- OUTPUT SHORT CIRCUIT PROTECTION(<0.03 OHM)
- AUTO RECOVERY

4) ENVIRONMENT

Operating Temperature 0°C to 40°C
Storage Temperature -10°C to +70°C
MTBF: 100'000 hours at full load and 25°C ambient temperature.

5) SAFETY REQUIREMENTS

UL 1950
CSA 22.2-234
TUV EN60950
IEC 950
CE: EMC &LVD

6) DIMENTION DIAGRAM

Dimension: 92(L) × 59(W) × 33(H)mm

WMM12-SX-W SERIES

