

# DC/AC Inverter

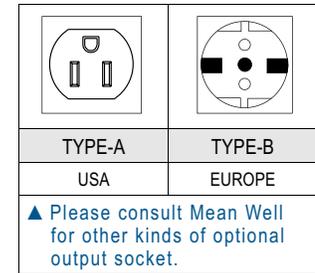
200~700W True Sine Wave



## Features

- True sine wave output (THD<3%)
- 2 times high surge power for motor related application
- Advanced digital control by microprocessor
- Output voltage / frequency adjustable
- High efficiency up to 91%
- Standby saving mode to conserve energy for TS-700
- Built-in fan ON/OFF control function (without fan for TS-200)
- Front panel indicator for load / battery / operation status
- High frequency design
- Input protections: Bat. low alarm / Bat. low shutdown / reverse polarity / over voltage
- Output protections: Short circuit / Overload / Over temperature
- Applications: Home appliance, power tools, office and portable equipment, vehicle and yacht...etc.
- 2 years warranty

## Output Socket (option)



## General Specification (Please refer to [www.meanwell.com](http://www.meanwell.com) for detail spec.)



Model No.	TS-200 <span style="color: red;">Under Development</span>	TS-400 <span style="color: red;">Under Development</span>	TS-700 <span style="color: yellow;">NEW</span>
Rated output power(typ.)	200W	400W	700W
Maximum output power	230W for 3 minutes; 300W for 10 sec.	460W for 3 minutes; 600W for 10 sec.	800W for 3 minutes; 1050W for 10 sec.
Output surge rating (30 cycles.)	400W	800W	1400W
DC input rated voltage	12VDC, 24VDC or 48VDC		
AC output voltage	100 / 110 / 115 / 120VAC; 200 / 220 / 230 / 240VAC selectable by setting button		
Output frequency	50Hz / 60Hz selectable by setting button		
AC output waveform	True sine wave, THD<3.0%		
AC output regulation	-3%~+3% of rated output voltage		
No load dissipation	< 15W		< 6W @ standby saving mode
Working temperature	0 ~ +40°C @ 100% load, 60°C @ 50% load		
Safety standards	110V	design refer to UL458	
	230V	Compliance to EN60950-1	
EMC standards	110V	Compliance to FCC class A	
	230V	Compliance to EN55022 class A, E-Mark, EN61000-4-2,3,8, ENV50204 (refer to SPEC for details)	

## 200W Under development

Model No.	Continue power	Input VDC	Output VAC / Hz	Output socket	Effi.
TS-200-112[A]	200W	10.5-15	110 / 60	TYPE-A	85%
TS-200-124[A]	200W	21.0-30	110 / 60	TYPE-A	87%
TS-200-148[A]	200W	42.0-60	110 / 60	TYPE-A	88%
TS-200-212[B]	200W	10.5-15	230 / 50	TYPE-B	87%
TS-200-224[B]	200W	21.0-30	230 / 50	TYPE-B	89%
TS-200-248[B]	200W	42.0-60	230 / 50	TYPE-B	90%

□ = A, B (option for output socket)

## 700W NEW

Model No.	Continue power	Input VDC	Output VAC / Hz	Output socket	Effi.
TS-700-112[A]	700W	10.5-15	110 / 60	TYPE-A	86%
TS-700-124[A]	700W	21.0-30	110 / 60	TYPE-A	88%
TS-700-148[A]	700W	42.0-60	110 / 60	TYPE-A	89%
TS-700-212[B]	700W	10.5-15	230 / 50	TYPE-B	89%
TS-700-224[B]	700W	21.0-30	230 / 50	TYPE-B	90%
TS-700-248[B]	700W	42.0-60	230 / 50	TYPE-B	91%

□ = A, B (option for output socket)

## 400W Under development

Model No.	Continue power	Input VDC	Output VAC / Hz	Output socket	Effi.
TS-400-112[A]	400W	10.5-15	110 / 60	TYPE-A	85%
TS-400-124[A]	400W	21.0-30	110 / 60	TYPE-A	87%
TS-400-148[A]	400W	42.0-60	110 / 60	TYPE-A	88%
TS-400-212[B]	400W	10.5-15	230 / 50	TYPE-B	87%
TS-400-224[B]	400W	21.0-30	230 / 50	TYPE-B	89%
TS-400-248[B]	400W	42.0-60	230 / 50	TYPE-B	90%

□ = A, B (option for output socket)



### Products

- One Stop Shopping
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