



TS-200
205x 158x 59 mm



TS-400
205x 158x 67 mm



TS-700
295x 184x 70 mm



TS-1000
345x 184x 70 mm

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 92%
- Conformal coating for TS-700
- Standby saving mode to conserve energy (TS-700)
- Built-in fan ON/OFF control function (TS-400/700)
- Fanless design, cooling by free air convection (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.
- 3 years warranty

General Specification (Please refer to www.meanwell.com for detail spec.)



Model Name		TS-200	TS-400	TS-700	TS-1000
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.	1150W for 3 minutes; 1500W for 10 sec.
Output surge rating (30 cycles.)		400W	800W	1400W	2000W
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% of rated output voltage			
No load dissipation		≤15W @ standby saving mode		≤6W @ standby saving mode	
Working temperature		-10~+35°C@100% load (112/124/148), -10~+40°C@100% load (212/224/248); 60°C@50% load	-10~+40°C@100% load, 60°C@50% load	0~+40°C@100% load, 60°C@50% load	
Safety standards	110V	UL458(TS-1000-112/124 GFCI socket only), EAC TP TC004 approved			
	230V	CB IEC62368-1, EAC TP TC004			
EMC standards	110V	FCC class A(112/124/148 only), EAC TP TC020			
	230V	EN55032 class A, EN61000-4-2,3,8, E-Mark, EAC TP TC020			

200W

Model Name	Continue power	Input (VDC)	Output (VAC / Hz)	Output socket	Effi.
TS-200-112[A]	200W	10.5-15	110 / 60	TYPE-A	86.0%
TS-200-124[A]	200W	21.0-30	110 / 60	TYPE-A	87.5%
TS-200-148[A]	200W	42.0-60	110 / 60	TYPE-A	88.0%
TS-200-212[B]	200W	10.5-15	230 / 50	TYPE-B	86.0%
TS-200-224[B]	200W	21.0-30	230 / 50	TYPE-B	87.5%
TS-200-248[B]	200W	42.0-60	230 / 50	TYPE-B	88.0%

□ = A, B (standard model), C, D, E or F (optional model)

400W

Model Name	Continue power	Input (VDC)	Output (VAC / Hz)	Output socket	Effi.
TS-400-112[A]	400W	10.5-15	110 / 60	TYPE-A	84.5%
TS-400-124[A]	400W	21.0-30	110 / 60	TYPE-A	86.0%
TS-400-148[A]	400W	42.0-60	110 / 60	TYPE-A	87.0%
TS-400-212[B]	400W	10.5-15	230 / 50	TYPE-B	86.0%
TS-400-224[B]	400W	21.0-30	230 / 50	TYPE-B	87.5%
TS-400-248[B]	400W	42.0-60	230 / 50	TYPE-B	88.5%

□ = A, B (standard model), C, D, E or F (optional model)

700W

Model Name	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 (standard model), C, D, E or F (optional model)

1000W

Model Name	Continue power	Input (VDC)	Output (VAC / Hz)	Output socket	Effi.
TS-1000-112[A]	1000W	10.5-15	110 / 60	TYPE-A	88%
TS-1000-124[A]	1000W	21.0-30	110 / 60	TYPE-A	89%
TS-1000-148[A]	1000W	42.0-60	110 / 60	TYPE-A	90%
TS-1000-212[B]	1000W	10.5-15	230 / 50	TYPE-B	90%
TS-1000-224[B]	1000W	21.0-30	230 / 50	TYPE-B	91%
TS-1000-248[B]	1000W	42.0-60	230 / 50	TYPE-B	92%

□ = A, B (standard model), C, D or F (optional model)