



■ Features :

- True sine wave output (THD<3%)
- High surge power up to 6000W
- High efficiency up to 92%
- Power ON-OFF switch
- Standby saving mode can be selectable
- Front panel indicator for operation status
- Thermostatically controlled cooling fan
- Protections: Bat. low alarm / Bat. low shutdown / Over voltage / Over temp. / Output short / Input polarity reverse / Overload / AC circuit breaker
- Application : Home appliance, power tools, office and portable equipment, vehicle and yacht ...etc.
- Optional monitoring software and connection cable (MW order No.: DS-TN-1500)
- 3 years warranty



SPECIFICATION

MODEL	TS-3000-112	TS-3000-124	TS-3000-148	TS-3000-212	TS-3000-224	TS-3000-248	
OUTPUT	RATED POWER (Typ.) 3000W						
	MAXIMUM OUTPUT POWER (Typ.) 3450W for 180 sec. / 4500W for 10 sec. / surge power 6000W for 30 cycles						
	AC VOLTAGE			Factory setting set at 110VAC			Factory setting set at 230VAC
	100 / 110 / 115 / 120VAC selectable by setting button S.W			200 / 220 / 230 / 240VAC selectable by setting button S.W			
	FREQUENCY 60 ± 0.1Hz 50/60Hz selectable by setting button S.W						50 ± 0.1Hz 50/60Hz selectable by setting button S.W
	WAVEFORM Note.7 True sine wave (THD<3%)						
	AC REGULATION (Typ.) ±3%						
	SAVING MODE (Typ.) Default disabled. Load ≤ 5W will be changed to standby mode						
FRONT PANEL INDICATOR Battery voltage level, output load level, saving mode, fault and operation status							
INPUT	BAT. VOLTAGE 12V 24V 48V 12V 24V 48V						
	VOLTAGE RANGE (Typ.) Note.3,6 10.5 ~ 15VDC 21 ~ 30VDC 42 ~ 60VDC 10.5 ~ 15VDC 21 ~ 30VDC 42 ~ 60VDC						
	DC CURRENT (Typ.) Note.4 300A 150A 75A 300A 150A 75A						
	NO LOAD DISSIPATION (Typ.) ≤ 10W @ standby saving mode						
	OFF MODE CURRENT DRAW (Typ.) ≤ 1mA						
	EFFICIENCY (Typ.) Note.1 88% 90% 91% 89% 91% 92%						
BATTERY INPUT PROTECTION	BATTERY TYPES Open & sealed lead acid battery						
	FUSE 40A*12 40A*6 20A*6 40A*12 40A*6 20A*6						
	BAT. LOW ALARM Note.6 11.3V 22.5V 45V 11.3V 22.5V 45V						
	BAT. LOW SHUTDOWN Note.6 10.5V 21V 42V 10.5V 21V 42V						
	REVERSE POLARITY By internal fuse open						
OUTPUT PROTECTION	OVER TEMPERATURE 90°C ± 5°C 85°C ± 5°C 85°C ± 5°C 80°C ± 5°C 75°C ± 5°C 75°C ± 5°C						
	Protection type : Shut down o/p voltage, re-power on to recover						
	OUTPUT SHORT Protection type : Shut down o/p voltage, re-power on to recover						
	OVER LOAD (Typ.) 105 ~ 115% load for 180 sec., 115% ~ 150% load for 10 sec.						
	Protection type : Shut down o/p voltage, re-power on to recover						
ENVIRONMENT	CIRCUIT BREAKER AC output receptacle:15A						
	GFCI PROTECTION Optional (Only type F) None						
	WORKING TEMP. Note.2 0 ~ +40°C @ 100% load ; 60°C @ 50% load						
	WORKING HUMIDITY 20% ~ 90% RH non-condensing						
	STORAGE TEMP., HUMIDITY -30 ~ +70°C / -22 ~ +158°F, 10 ~ 95% RH						
SAFETY & EMC	VIBRATION 10 ~ 500Hz, 3G 10min./1cycle, 60min. each along X, Y, Z axes						
	SAFETY STANDARDS UL458 (only for Type G) None						
	LVD None EN60950-1						
	WITHSTAND VOLTAGE Bat I/P - AC O/P:3.0KVAC AC O/P - FG:1.5KVAC						
	ISOLATION RESISTANCE Bat I/P - AC O/P, Bat I/P - FG, AC O/P - FG: 100M ohms / 500VDC / 25°C / 70% RH						
OTHERS	EMC EMISSION Compliance to FCC class A Compliance to EN55022 class A, 72/ 245/ CEE, 95/ 54/ CE, E-Mark						
	EMC IMMUNITY None Compliance to EN61000-4-2,3,4,5,6,8,11						
	CONTROL WIRING RJ11 -RS232 (Option)						
NOTE	DIMENSION 466.8*283.5*100mm (L*W*H)						
	PACKING 12.9Kg; 1pcs/14Kg/1.49CUFT						
<p>1.Efficiency is tested by 2100W, linear load at 13V, 26V, 52V input voltage. 2.Output derating capacity referenced by curve 1. 3.Input derating capacity referenced by curve 2. 4.DC current is tested by 3000W, linear load at 12V, 24V, 48V input voltage. 5.All parameters not specified above are measured at rated load, 25°C of ambient temperature and set to factory setting. 6.The tolerance of each voltage value by models is:112/212→±0.5V;124/224→±1V;148/248→±2V 7.TH.D is tested by 3000W, linear load at 13,26,52V input voltage.</p>							

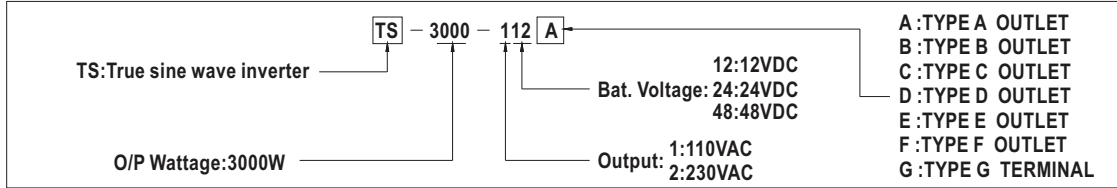
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Specifications are subject to change without notice. It is responsibility of each customer to thoroughly test each product and part number under their unique parameters and environments to ensure a product will work properly and reliably.

Click below for more details, to buy on-line or request volume pricing:

<http://power.sager.com/mean-well-TS-3000-power-supply.html>

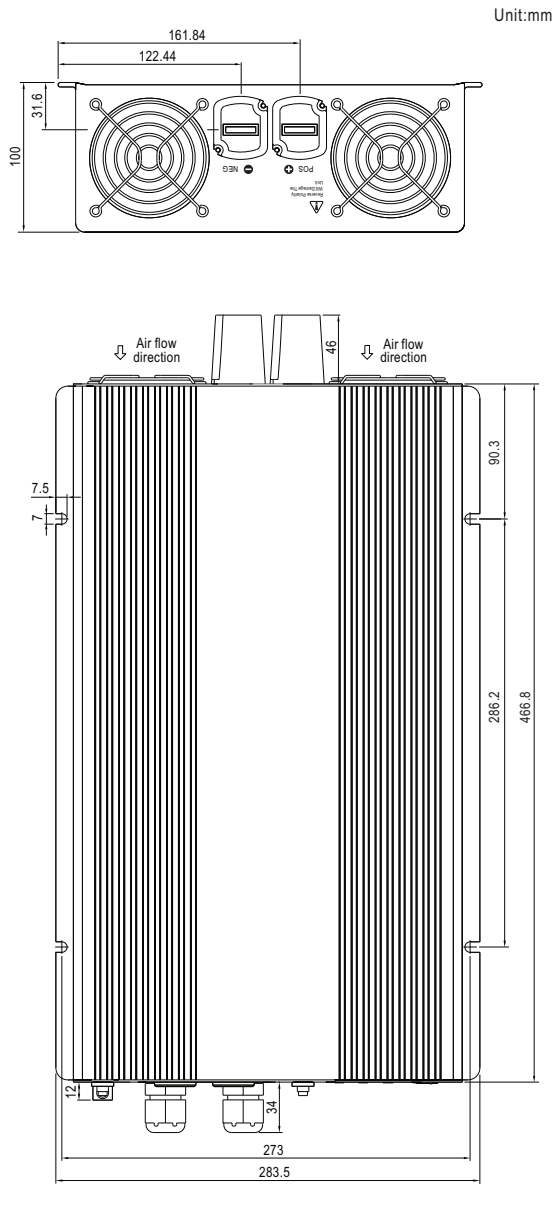
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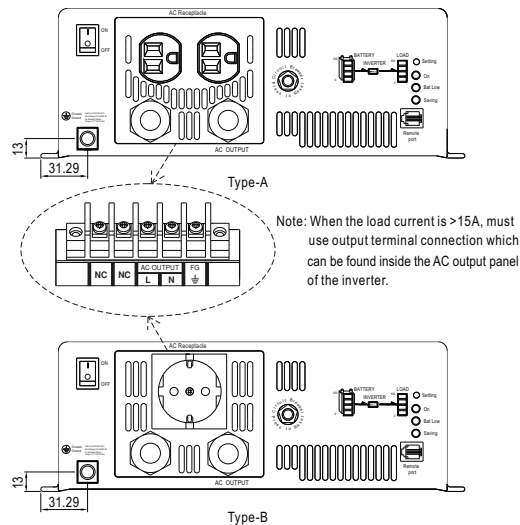
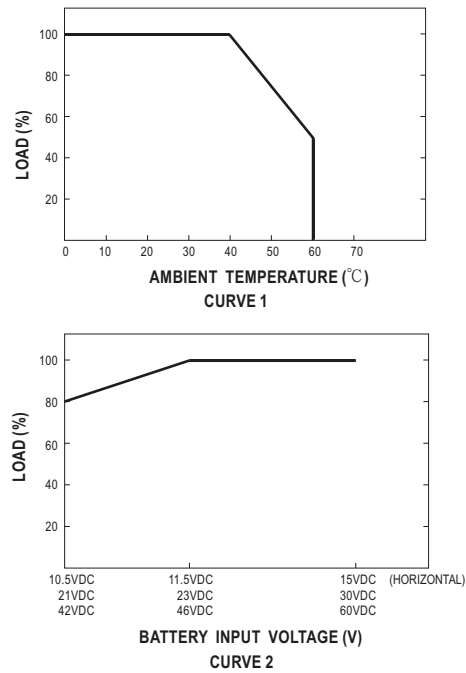
■ AC Output Receptacle (optional)

Receptacle type							
	TYPE-A	TYPE-B	TYPE-C	TYPE-D	TYPE-E	TYPE-F	(Terminal only)
Country	USA	EUROPE	AUSTRALIA	U.K	JAPAN	GFCI	----
Certificate							

■ Mechanical Specification



■ Derating Curve



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