

# DC TO AC POWER INVERTER Inverter Expert

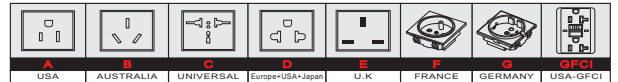
## MSD Series MSD2500-2500W with digital display

**Features:** ■



- With USB output port ◀
  - It designed to give you quality power ,ease of use, and reliability ▶
  - Low battery alarm : alerts you if the battery has become discharged to 11 Volts or lower. ▶
  - Low battery voltage shutdown : shuts the inverter down automatically if the battery voltage drops below 10.5volts. it protects the battery from being completely discharged. ▶
  - High battery voltage shutdown : shuts the inverter down automatically if the input voltage rises to 15volts or more. ▶
  - Digital display the battery voltage & loading power. ▶
  - Overload shutdown: shuts the inverter down automatically if a short circuit is detected in the circuitry connected to the inverter 's output, or if the loads connected to the inverter exceed the inverter 's operating limits ▶
  - Over temperature shutdown : shuts the inverter down automatically if its internal temperature rises above an unacceptable level. ▶
- The modified sine wave output waveform suitable for many electronic loads.

**AC Output Receptacles(optional)**



■ **Specification:**

Model		MSD2500-121	MSD2500-122	MSD2500-241	MSD2500-242	MSD2500-481	MSD2500-482
Output	AC Voltage	110V	230V	110V	230V	110V	230V
	AC Voltage Range	100~120V AC	220~240V AC	100~120V AC	220~240V AC	100~120V AC	220~240V AC
	AC Regulation	±10%					
	Rated Power	2500W					
	Peak Power	5000W(few seconds)					
	Waveform	Modified Sine Wave					
	Frequency	50/60Hz±3					
	No Load Current Draw	≤ 1.1A					
	Efficiency	≥90%					
	USB	5V 2.1A					
	LED Indicator	Green for power on, Red for power failure status					
	Cooling fan	By 30% loads or temperature control					
	Digital display	Input voltage/output power					
Input	DC Voltage	12V		24V		48V	
	Voltage Range	9.5~16V DC		19~32V DC		38~64V DC	
	DC Connector	Battery cable BVR16*4ea		Battery cable BVR16*2ea		Battery cable BVR10*2ea	
Protection	Low Voltage Alarm	11±0.5V DC		22±1V DC		44±2V DC	
	Low Voltage Shutdown	9.5±0.5V DC		19±1V DC		38±2V DC	
	Reset Voltage after L.V.S	11.5~12V DC		23~24V DC		46~48V DC	
	Overload	Shut off output, auto.reset					
	Over Voltage Shut down	15±0.5V DC		30±1V DC		60±2V DC	
	Over Temperature	Shut off output automatically, auto.reset					
	Output Short-circuit	Shut off, auto.reset					
	Reverse Polarity	Fuse burn out					
	Replaceable Fuse	30A*10		15A*10		7.5A*10	
	Soft Start	Yes, 3~5s					
Earth Leakage	Yes						
Accessory	Remote Control	Optional					
Environment	Working Temp.	0~30℃= @ 100% load; 40℃=@50% load					
	Working Humidity	20%~90% RH non-condensing					
	Storage Temp., Humidity	-30~+70℃/-22~+158°F, 10~95%RH					
	Temp. Coefficient	10%~90% RH					
Safety&EMC	Isolation Resistance	-20℃ ~ +50℃					
	EMI Conduction & Radiation	I/P-O/P:100M Ohms/500VDC/25/70%RH					
	EMS Immunity	Compliance to EN55022 chass B, 72/245/CEE, 95/64/CE					
	LVD	Compliance to EN61000-4-2,3					
	E-mark	Compliance to EN60950, EN61558-1-2					
Other	N.W.(g)	4250g					
	Dimension(cm)	33*23*10cm					
	Packing	Gift box, 2 units/11.2Kg/Ctn(41*31*38cm)					
	Output Socket	A, B, C, E, F, G,H,I,J,K,L,M,N(optional)					