

# DC TO AC POWER INVERTER Inverter Expert

## MSD Series MSD600-600W with digital display

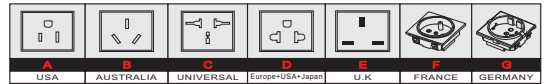


**Features:** ■

- With USB output port ▲
- Anodized aluminum case provides durability & max heat dissipation ▲
- DC cigarette lighter accessory plug and heavy - duty cable clamps for high-output direct battery connections both included. ▲
- Automatic restart function. ▲
- Two LED indicators on the front panel shows the working and failure state ▲
- Digital display the battery voltage & loading power ▲
- The inverter is compact , light weight and easy to operate. ▲
- Loads can be powered directly from the AC outlets. ▲
- The inverter is equipped with numerous protection features to guarantee safe and trouble-free operation



**AC Output Receptacles(optional)**



■ **Specification:**

Model		MSD600-121	MSD600-122	MSD600-241	MSD600-242
Output	AC Voltage	110V	230V	110V	230V
	AC Voltage Range	100-120V AC	220-240V AC	100-120V AC	220-240V AC
	AC Regulation	±10%			
	Rated Power	600W			
	Peak Power	1200W			
	Waveform	Modified Sine Wave			
	Frequency	50/60Hz±3			
	No Load Current Draw	≤ 0.5A			
	Efficiency	≥90%			
	USB	5V 2.1A			
	LED Indicator	Green for power on, Red for power failure status			
Cooling fan	Running once connect AC loads / temperature control (optional)				
Digital display	Input voltage/output power				
Input	DC Voltage	12V		24V	
	Voltage Range	9.5~16V DC		19~32V DC	
	DC Connector	600mmDC cable with cigarette lighter plug *1 ea, battery DC cable*2ea			
Protection	Low Voltage Alarm	9.5±0.5V DC		19±1V DC	
	Low Voltage Shutdown	10±0.5V DC		20±1V DC	
	Reset Voltage after L.V.S	11.5~12V		23~24V	
	Overload	Shut off output, auto.reset			
	Over Voltage	15~16V DC		30~32V DC	
	Over Temperature	Shut off output automatically, auto. reset			
	Output Short-circuit	Shut off, auto.reset			
	Reverse Polarity	Fuse burn out			
	Replaceable Fuse	40A*2		20A*2	
	Soft Start	Yes,3~5s			
Environment	Earth Leakage	Yes			
	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			
Safety&EMC	Temp. Coefficient	10%~90% RH			
	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			
Other	E-mark	Compliance to EN60950, EN61558-1-2			
	N.W.(g)	910g			
	Dimension(cm)	22*13.5*5.8cm			
	Packing	Gift box, 15 units/20Kg/Ctn(51*31*45cm)			
	Output Socket	A, B, C, E, F, G,H,I,J,K,L,M,N(optional)			