

# DC TO AC POWER INVERTER Inverter Expert

## MS Series MS400-400W with USB

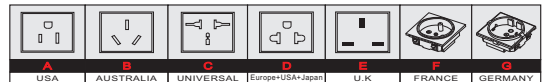


**Features:** ■

- With USB output port ◀
- Anodized alluminum 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 ◀
- ON/OFF switch control the inverter by hand ◀
- 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 ◀

USB (E) RoHS CE-LVD/EMC **2** YEAR LIMITED WARRANTY

**AC Output Receptacles (optional)**



■ **Specification:**

Model		MS400-121	MS400-122	MS400-241	MS400-242
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	400W			
	Peak Power	800W			
	Waveform	Modified Sine Wave			
	Frequency	50/60Hz±3			
	No Load Current Draw	≤ 0.30A			
	Efficiency	≥90%			
	USB	5V 2.1A			
Input	LED Indicator	Green for power on, Red for power failure status			
	Cooling fan	Running once connect AC loads / temperature control (optional)			
	DC Voltage	12V		24V	
Protection	Voltage Range	9.5~16V DC		19~32V DC	
	DC Connector	600mmDC cable with cigarette lighter plug *1 ea, battery DC cable*2ea			
	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			
Environment	Replaceable Fuse	50A*1		25A*1	
	Soft Start	Yes,3~5s			
	Earth Leakage	Yes			
	Working Temp.	0~30℃= @ 100% load; 40℃=@50% load			
Safety&EMC	Working Humidity	20%~90% RH non-condensing			
	Storage Temp., Humidity	-30~+70℃/-22~+158°F, 10~95%RH			
	Temp. Coefficient	10%~90% RH			
	Isolation Resistance	-20℃ ~ +50℃			
Other	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)	670g			
	Dimension(cm)	18*13.5*5.8cm			
	Packing	Gift box, 20 units/21Kg/Ctn(52.5*34*45cm)			
	Output Socket	A, B, C, E, F, G,H,I,J,K,L,M,N(optional)			