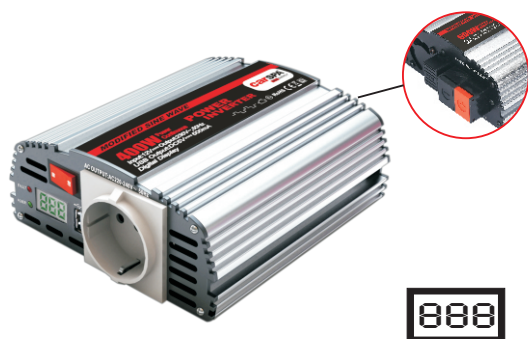


# DC TO AC POWER INVERTER Inverter Expert

## MSD Series MSD400-400W with digital display

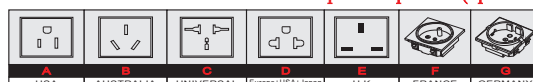


USB (E8) RoHS CE-LVD/EMC

**2** YEAR LIMITED WARRANTY

### Specification:

AC Output Receptacles (optional)



Model		MSD400-121	MSD400-122	MSD400-241	MSD400-242
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	≤ 0.3A			
	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	50A*1		25A*1	
Soft Start	Yes, 3~5s				
Earth Leakage	Yes				
Environment	Working Temp.	0~30°C= @ 100% load; 40°C=@50% load			
	Working Humidity	20%~90% RH non-condensing			
	Storage Temp., Humidity	-30~+70°C/-22~+158°F, 10~95%RH			
	Temp. Coefficient	10%~90% RH			
Safety&EMC	Isolation Resistance	-20°C ~ +50°C			
	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)	650g			
	Dimension(cm)	18.5*10.8*6.2cm			
	Packing	Gift box, 20 units/21Kg/Ctn(45.5*34*38m)			
	Output Socket	A, B, C, E, F, G, H, I, J, K, L, M, N (optional)			