



DC TO AC INVERTER

250W Continuous 500W Peak

The 250Watts Continuous / 500Watts Peak DC to AC inverter is designed to convert 12Volt or 24Volt DC power from any cigarette light socket to 120Volt or 230Volt ,50/60Hz AC power .This unit will deliver up to 500Watts of peak AC power to handle surge power loads.



Features:

- *12 or 24VDC input voltage
- *Cigarette light plug
- *Single output.

- *Optional output socket
- *Short circuit and over-temperature and over power protection.
- *Over voltage and low voltage and reverse at input side protection.

Input:

Parameter	Condition/Description	Min	Nom	Max	Units
Input voltage		11		15	VDC
No-Load current Draw				0.15A	

Output:

Parameter	Condition/Description	Min	Nom	Max	Units
Output voltage		114	120	132	V
		218.5	230	253	V
Output frequency		57.5	60	62.5	Hz
		47.5	50	52.5	Hz
Output continuous power				250	W
Output peak power				500	W

Protection:

Input					
Parameter	Condition/Description	Min	Nom	Max	Units
Reverse					
Over voltage			15		V
Low voltage			10		V
Output					
Over temperature			95		Degree C
Over power				320	W
Short-circuit					

General & Environmental:

Parameter	Condition/Description	min	nom	max	units
Efficiency	Typical at full load		90%		
Operating temperature		0		+40	
Storage temperature		-40		+85	
Humidity	Non-condensing	5%		90%	RH

Model:

Model	Input Voltage (V)	Output Volage (V)	Output Continuous Power (W)
M250W12-120	12	120	250
M250W24-120	24	120	250
M250W12-230	12	230	250
M250W24-230	24	230	250