

# POWER INVERTOR (BLUE)



## Features:

### Thermal Protection

- The unit shut down when it overheats

### Battery alarm

- Alarm activated when battery discharges to 10.6 V

### Battery Protection

- The unit shutdown when battery discharges to 10V (prevent damage to battery)

### Overload Protection

- The unit shutdown when the loading power exceeds the rating power

### Short Circuit Protection

- The unit shutdown when output is short circuit

### Earth fault Protection

- The unit shutdown when the load has electric leakage



## TECHNICAL SPECIFICATIONS

INPUT	Rated input voltage	12VDC (Auto)	24 VDC (Auto)
	The range of rated input voltage	10.0~15.5 VDC	19.5~30.5 VDC
Input overvoltage or undervoltage	Output shutoff, voltage recovering, inverter auto-launch		
Overload, short circuit	Output shutoff, restart using / inverter auto-launch when fault disappears		
Overheating	Output shutoff, restart using / inverter auto-launch when fault disappears		
Input polarity reversal	Blown fuse		
ENVIRONMENT	Working temperature	-10 °C ~ 40 °C	
	Working humidity	-20 % ~ 90% RH non-condensational	
	Store Temperature and humidity	-20 °C ~ 55 °C / 10 °C ~ 95 % RH	
	Working height	The height can not be over 1000m, or using as Gb/T3859.2 derating.	
	Refrigeration	Cooling fans are controlled by the load	
	Adhibition	Small medol off grid system, wind energy supply system, electric tools. Vehicle mounted, ships and some other portable power source	

MODEL	500 W	1000 W	2000 W	3000 W	5000 W	
Rated output voltage	500 W	1000 W	2000 W	3000 W	5000 W	
Peak Power	1000 W	2000 W	4000 W	6000 W	10000 W	
Packaging Size	Length	22 cm	26 cm	32 cm	44 cm	
	Width	14.5 cm	19.5 cm	24 cm	24 cm	26 cm
	Height	6 cm	7.5 cm	13 cm	13 cm	15 cm



UNDER VOLTAGE PROTECTION



OVER VOLTAGE PROTECTION



SHORT CIRCUIT PROTECTION



OVER HEATING PROTECTION



OVER LOAD PROTECTION