

HYBRID SOLAR INVERTER



Max. Efficiency
98%



40A MPPT



One year Warranty



Pure Sine Wave



Features

- Pure sine wave solar inverter
- Output power factor 0.9
- Built-in 40A MPPT solar charger
- High PV input voltage range (20-150VDC)
- Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life
- meet the rich customize needs of customers
- Compatible with lithium battery
- Solar energy is provided directly to the load first

»» Product Data Sheet

Model	1000VA/1000W	1500VA/1500W
RATED POWER	1000VA/1000W	1500VA/1500W
AC Input		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers)	
	90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
AC OUTPUT		
AC Voltage Regulation	230VAC±5%	
Surge Power	2000VA	3000VA
Efficiency(Peak)PV to INV	98%	
Efficiency(Peak)Battery to INV	94%	
Transfer Time	10ms(for personal computers); 20ms (for home appliances)	
BATTERY & AC CHARGER		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	33VDC
Maximum AC Charge Current	40A	
SOLAR CHARGER		
Maximum PV Array Power	550W(12V)	1080W(24V)
MPPT Range @ Operating Voltage	20-150VDC	30-150VDC
Maximum PV Array Open Circuit Voltage	150VDC	
Maximum Charging Current	40A	
PHYSICAL		
Dimension, D*W*H(mm)	300x235x90	
Cartoon Dimension, D X W XH(mm)	340x275x145	
Dimensions of mounting holes(mm)	118- Ø5x2	
Net Weight(kgs)	3	3.5
Gross Weight(kgs)	3.5	4
Communication interface	RS232/GPRS/WIFI	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-10~50℃	