

HYBRID OFF GRID INVERTER



Features

- Pure sine wave solar inverter
- WIFI&GPRS available for IOS and Android
- Built-in 80A MPPT solar charger
- High PV input voltage range(30~400VDC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Meet rich customized demands
- Compatible with lithium battery
- Solar energy is provided directly to the load first



TECHNICAL SPECIFICATIONS

MODEL	EU IN 1.0 KW	EU IN 1.6 KW	EU IN 3.2 KW
Rated Power	1500W/1500VA	2000VA/1600W	3200VA/3000W
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 $\pm$ 5%		
Surge Power	3000VA	4000VA	6400VA
Efficiency(Peak) PV to INV	98%		
Efficiency(Peak) Battery to INV	94%		
Transfer Time	10 ms(For Personal Computers); 20 ms (For Home Appliances)		
BATTERY			
Battery Voltage	24VDC	12VDC	24VDC
Floating Charge Voltage	27VDC	13.5VDC	27VDC
Overcharge Protection	32VDC	16VDC	33VDC
SOLAR CHARGER & AC CHARGER			
Solar Charger Type	MPPT		
Maximum PV Array Power	1200W	2000W	3000W
MPPT Range @ Operating Voltage	30~150VDC	30~400VDC	30~400VDC
Maximum PV Array Open Circuit Voltage Solar	150VDC	400VDC	400VDC
Max Input Current		1/13A	1/13A
Maximum Solar Charging Current	40A	80A	80A
Maximum AC Charging Current	40A	60A	60A
Maximum Solar+AC Charging Current	80A	80A	80A
PHYSICAL			
Dimension. H*W*D(mm)	290*240*91	357*273*95	357*273*95
Cartoon Dimension ,H*W*D(mm)	340*295*145	435*335*165	435*335*165
Net Weight(kgs)	3.6	4.6	4.8
Gross Weight(kgs)	4.2	5.6	5.8
Communication Interface	RS232/GPRS/WIFI		
ENVIRONMENT			
Humidity	5% to 95% Relative Humidity(Non~condensing)		
Operating Temperature	-10°C to 50°C		
STANDARD			
Compliance Safety	CE		