E-SUN 1KVA-3KVA Off Grid MPPT Solar Inverter

MAIN FEATURES

- MPPT Solar Charge Controller Inside
- Wide PV Input Range 30-400Vdc
- Reliable quality, economic design
- Smart battery protection. Compatible with LiFePo4
- Configurable battery & AC/Solar priority via LCD setting
- Only 1pcs 36V solar panel can start solar inverter

Solar System Connection

太阳能板 Solar Panel
Utility
发电机 Generator
电池 Lithium Battery
离网逆变器 Inverter
Home Appliances 家庭应用

We Can Provide All Kinds Of Solar Solutions According To Your Demands.

Off Grid MPPT Solar Inverter

TECHNICAL PARAMETER

TECHNICAL PARAMETER			
Model SUNON E series	E-SUN 1.2KVA	E-SUN 2KVA	E-SUN 3KVA
The rated power	1200VA/1200W	2000VA/1600W	3000VA/2700W
INPUT			
Voltage	230VAC		230VAC
Selectable Voltage Range	170-280VAC (UPS),90-280VAC (Appliances)		
Frequnecy Range	50Hz/60Hz (Auto sensing)		
OUTPUT			
AC Voltage Regulation (Batt. Model)	230VAC ± 5%		
Surge Power	2000VA		6000VA
Power factor	0.8		0.9
Efficiency(Peak)	> 90%		> 90%
Transfer Time	10ms (UPS), 20ms (Appliances)		
Wave form	Pure sine wave		
No load current	1.0A		
BATTERY			
Battery voltage	12VDC		24VDC
Low battery alarming voltage	11.0VDC		22.0VDC
Low battery cut off protection voltage	10.5VDC		21VDC
Low battery recovery voltage	11.5VDC		23.0VDC
Floating Charge Voltage	13.5VDC		27VDC
Overcharge Protection	16.0VDC		32VDC
MPPT SOLAR CHARGER & AC CHARGER			
Maximum PV Array Power	2000W		3200W
MPPT Range Operation Vol	30-400VDC		30-430VDC
Maximum PV Array Open Circuit Vol.	400VDC		450VDC
Number of MPPT trackers / Max output current	80A		80A
Maxmum AC Charge Current	60A		60A
Maxmum Efficiency	98%		98%
BEST PANEL CONFIGUTATION			
Maximum PV Array Power	2000W	2000W	3000W
Best Panel configuration	550W 2-3PCS in 1 S	550W 2-4 PCS in 1 S	550W 2-5 PCS in 1 S
PHYSICAL			
Products Dimension, D*W*H(mm)	350mm*270mm*98mm		350mm*270mm*98mm
Packing size, D*W*H(mm)	413mm*350mm*173mm		413mm*350mm*173mm
Net Weight (kgs)	4KG		5KG
G.W. kg	5KG		5.8KG
Communication Interface	RS232/GPRS/ Optional WIFI		
OPERATING ENVIRONMENT			
Humidity	5% to 95% Relative Humidity (Non-condensing)		5% to 95% Relative Humidity (Non-condensing)
Operation Temperature	-10℃-50℃		-10℃-50℃