

ISolar SML II MPPT Solar Inverter



- Pure sine wave solar inverter
- Output power factor 1.0
- Wifi & GPRS available for IOS and android
- Inverter running without battery
- Built-in 100A MPPT solar charger
- High PV input voltage range(120~500VDC)
- Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life

Hybrid Solar Inverter

230Vac MPPT Solar Inverter Specification

Model	ISolar SML II 3.5KW	ISolar SML II 5.5KW
Rated Power	3500VA/3500W	5500VA/5500W
Input		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers)	
	90~280VAC(For Home Appliances)	
Frequency Range	50Hz/60Hz(Auto sensing)	
Output		
AC Voltage Regulation(Batt.Mode)	230VAC±5%	
Surge Power	7000VA	11000VA
Efficienc(Peak)PV to INV	97%	
Efficienc(Peak)Battery to INV	94%	
Transfer Time	10ms(For Pensonal Computers);20ms(For Home Appliances)	
Battery & AC Charger		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Maximum Charge Current	80A	80A
Solar Charger		
Maximum PV Array Power	5000W	6000W
MPPT Range @ Operating Voltage	120~450VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charging Current	100A	100A
Maximum Efficiency	98%	
Physical		
Dimension,D*W*H(mm)	100*300*440	
Net Weight(kgs)	11	12
Communication Interface	USB/RS232/GPRS/WIFI	
Operating Environment		
Mumidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	0℃~55℃	
Storage Temperature	-15℃~60℃	