

LSOLAR SML-II SERIES



Max. Efficiency
98%



100A MPPT



USB/RS232/GPRS
WIFI



IP21
Ingress Protection



- 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

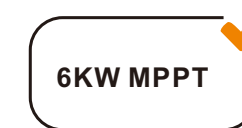
KEY FEATURES



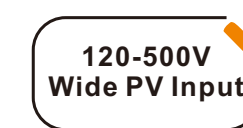
WIFI



Lithium Battery



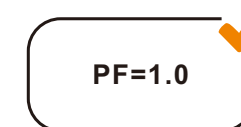
6KW MPPT



120-500V
Wide PV Input



GPRS



PF=1.0



100A MPPT



No need
battery

TECHNICAL DATA

Model	Isolar SML-II-3.6KW	Isolar SML-II-5.6KW
RATED POWER	3600VA/3600W	5600VA/5600W
Input		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers) 90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
OUTPUT		
AC Voltage Regulation(Batt.Mode)	230VAC±5%	
Surge Power	7200VA	11200VA
Efficiency(Peak)PV to INV	97%	
Efficiency(Peak)Battery to INV	94%	
Transfer Time	10 ms (For Personal Computers);20 ms (For Home Appliances)	
BATTERY & AC CHARGER		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Maximum Charge Current	100A	100A
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°C~55°C	
Storage Temperature	-15°C~60°C	