

SOLAR MPPT INVERTER

HYBRID

1.5KW (PV3000)
3KW (PV4000)



AC Output
1.5KW/3KW



PV Input
3KW/4KW



MPPT Voltage Range
60 ~ 450VDC



Works with &
without batteries 12V/24V



Status Indication
RGB LED Light



Built-in
Wifi



Net Metering
Feed Into Grid



Real Time
Sharing



Pure Sine
Wave



Overload
Protection



Short Circuit
Protection



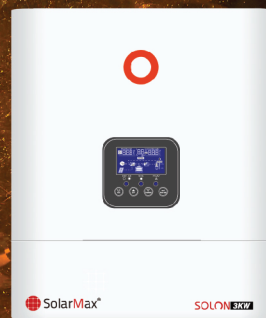
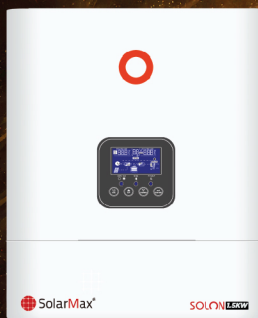
Built-in
BMS

LIFETIME WARRANTY

- 2 Years Unlimited Parts Replacement
- Life time Free Service Warranty

*Terms & conditions apply

SOLON[®] Series



MODEL	SM-SOLON-1.5KW	SM-SOLON-3KW
RATED POWER	1500W	3000W
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	90 - 280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%	
Surge Power	3000 VA	6000 VA
Waveform	Pure Sine Wave	
Transfer Time	10 ms (For Computers), 20 ms (For Home Appliances)	
AC Output	1500W	3000W
BATTERY & AC CHARGER		
Battery Voltage	12 VDC	24 VDC
Floating Charge Voltage	13.5 VDC	27 VDC
Overcharge Protection	15 VDC	30 VDC
Maximum Charge Current	80 A	
SOLAR MPPT CHARGE CONTROLLER		
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum PV Array Power	3000W	4000W
Maximum PV Input Current	18A	
MPPT Range @ Operating Voltage	60 ~ 450 VDC	
Maximum Charging Current	80A	
Maximum Efficiency	98%	
INTERFACE		
Communication Interface	Built-in Wifi, RS485 (BMS Compatible with lithium battery using RS-485)	
Display	LCD	
OPERATING ENVIRONMENT		
Humidity	5% to 90% Relative Humidity (Non-condensing)	
Operating Temperature	0°C - 55°C	
Storage Temperature	-15° C to 60° C	
PHYSICAL		
Dimension, D x W x H (mm)	128 x 300 x 363	
Net Weight (kgs)	7.5KG	