

SOLAR HYBRID INVERTER

3KW (PV4000W)



BUILT IN
WIFI



PV INPUT
4KW



MPPT VOLTAGE
RANGE 60-450VDC



WORKS WITH &
WITHOUT BATTERY



STATUS INDICATION
RGB LED LIGHT



AC OUTPUT
3KW



PURE SINE
WAVE



OVER LOAD
PROTECTION



SHORT CIRCUIT
PROTECTION



BUILT IN
BMS

SOLON[®] Series



MODEL	SM-SOLON-3KW
RATED POWER	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 $\pm$ 5%
Surge Power	6000 VA
Waveform	Pure Sine Wave
Transfer Time	10 ms (For Computers), 20 ms (For Home Appliances)
AC Output	3000 W
BATTERY & AC CHARGER	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	30 VDC
Maximum Charge Current	80 A
SOLAR MPPT CHARGE CONTROLLER	
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Array Power	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