

3KW SOLAR MPPT INVERTER

(PV INPUT 4000W)



AC Output
3KW



PV Input
4KW



MPPT Voltage
Range 60-450VDC



Works with & without
Battery



Built-in
Wifi



Built-in
BMS



Status Indication
RGB LED Light



LCD Display &
Function Buttons



Pure Sine
Wave



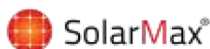
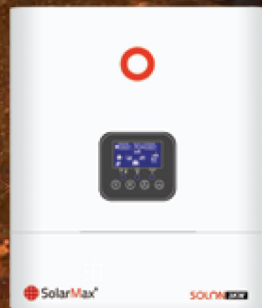
Short Circuit
Protection

LIFETIME FREE SERVICE WARRANTY

2 Years Unlimited Parts Replacement Warranty

*Terms & Conditions Apply

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		3000W
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)		6.3KG

Product specifications are subject to change without further notice.

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