

1.5KW SOLAR MPPT INVERTER

(PV INPUT 3000W)



AC Output
1.5KW



PV Input
3KW



MPPT Voltage
Range 60-450VDC



Works with & without
Battery



Built-in
Wifi



Built-in
BMS



Status Indication
RBG LED Light



LCD Display &
Function Buttons



Pure Sine
Wave



Short Circuit
Protection

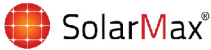
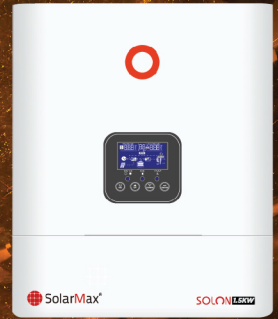
LIFETIME FREE SERVICE WARRANTY

2 Years Unlimited Parts Replacement Warranty

*Terms & Conditions Apply

www.solarmax.pk

SOLON[®] Series



MODEL		SM-SOLON-1.5KW	
RATED POWER	1500W	1500W	
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	3000 VA	3000 VA	
Waveform	Pure Sine Wave		
Transfer Time	10 ms (For Computers), 20 ms (For Home Appliances)		
AC Output	1500W	1500W	
BATTERY & AC CHARGER			
Battery Voltage	12 VDC	12 VDC	
Floating Charge Voltage	13.5 VDC	13.5 VDC	
Overcharge Protection	15 VDC	15 VDC	
Maximum Charge Current	80 A		
SOLAR MPPT CHARGE CONTROLLER			
Maximum PV Array Open Circuit Voltage	500 VDC		
Maximum PV Array Power	3000W	3000W	
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		