

SolarMax[®]

Spider Series 3KW Inverter

NEW FEATURES

NEW LCD DISPLAY

NEW CASING

NEW COLOUR



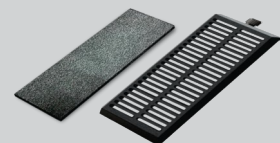
SM-VM-3000

- Pure sine wave solar inverter
- Output power factor 1
- Selectable high power charging current
- Wide DC input range
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/Solar input priority via LCD setting
- Compatible with mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimization of battery performance, equalization and lifecycles.
- Cold start function



Anti-Dust Kit

After installing this anti-dust kit, inverter will automatically detect this kit and activate internal thermal sensor to adjust internal temperature. By virtue of the dustproof design, it dramatically increases product reliability in harsh environment.



Anti-Dust Kit (optional)

MODEL	SM-VM-3000
Rated Power	3000VA / 3000W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%
Surge Power	6000VA
Efficiency (Peak)	90% ~ 93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger type	MPPT
Maximum PV Open Circuit Voltage - Voc (V)	102 VDC
MPP Range @ Operating Voltage	30~80 VDC
Maximum Solar Charge Current	40 A
Maximum AC Charge Current	25A
Maximum Charge Current	60 A
PHYSICAL	
Dimension, D x W x H (mm)	100 x 285 x 334
Net Weight (Kgs) approx.	6.5
Communication Interface	USB/RS232
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

Product specifications are subject to change without further notice.