



VMIII 4KW

Hybrid Inverter

24 VDC
Battery Voltage

93 %
Efficiency

Dual Outputs

Intelligent
Load Management

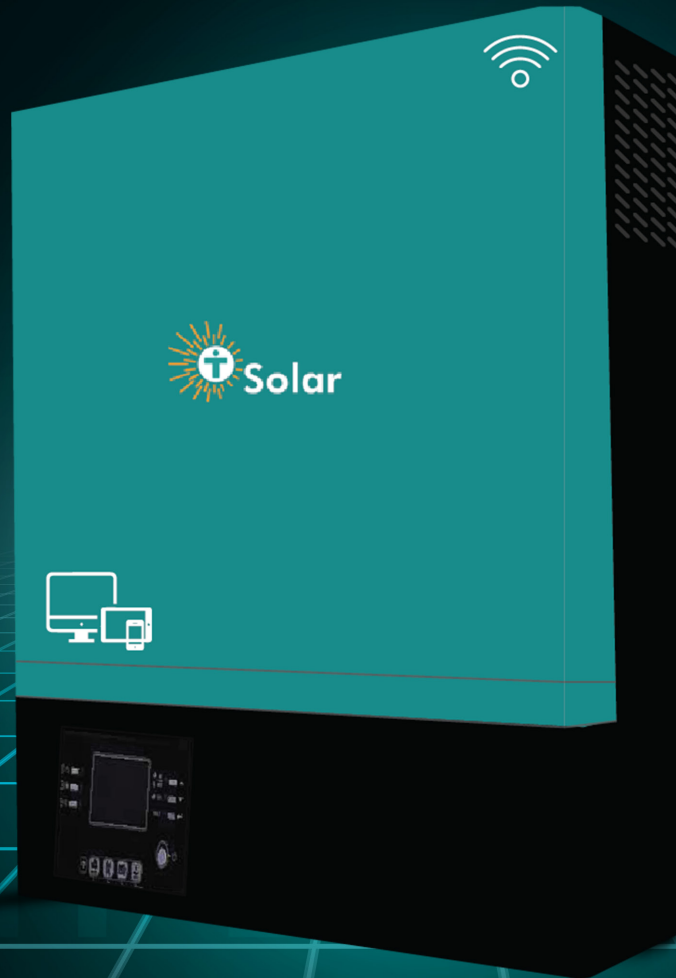


Wifi built in

LCD Display

-15°C to 60°C
Storage Temperature

Communication
Interface
USB / RS-232



- Detachable LCD control module with various communications
- Built-in Wifi for mobile monitoring (App is Available)
- Supports USB On-the-Go function
- Battery independent design
- Battery equalization extends lifecycle
- User-friendly LCD operation
- Replaceable fan design for ease of maintenance
- Reserved communication port (RS485, CAN-BUS or RS 232) for BMS

PV CAPACITY
5000W

VM III 4KW HYBRID INVERTER

MODEL	VM III-4000-24
Rated Power	4000VA / 4000W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170 – 280 VAC (For Personal Computers) 90 – 280 VAC (For Home Appliances)
Frequency Range	50 Hz/60Hz (Auto Sensing)
OUTPUT	
AC Voltage Regulation (Batt.Mode)	230VAC \pm 10%
Surge Power	8000VA
Efficiency (Peak)	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 Array Power	5000W
MPP Range @ Operating Voltage	120~450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum Solar Charge Current	120A
Maximum AC Charge Current	100A
Maximum Charge Current	120A
PHYSICAL	
Dimension, D x W x H (mm)	115 x 300 x 400
Net Weight (kgs)	9
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact
OPERATING 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.