



Solar Technologies



Grid Feeding

5000 PV Array

Prestige

VMIII 4000 TWIN

Features:

- Dual outputs for smart load management
- Maximum PV input current 27A
- Wide PV input voltage range 60VDC ~ 450VDC
- Detachable LCD control module with various communications
- Integrated WiFi interface with Mobile App
- Supports USB On-the-Go function
- Reserved communication port (RS-485, CAN-BUS or RS-232) for BMS
- Battery equalization extends lifecycle
- Battery independency
- Replaceable fan design



Lightup your life.....



MODEL	VMIII-4000
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/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC \pm 10%
Surge Power	8000VA
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 Charge Type	MPPT
Maximum PV Array Power	5000 W
Maximum PV Array Open Circuit Voltage	500 VDC
MPPT Range @ Operating Voltage	60 ~ 450 VDC
Maximum PV Input Current	27A
Maximum Solar Charge Current	120 A
Maximum AC Charge Current	100 A
Maximum Charge Current	120 A
PHYSICAL	
Dimension, D x W x H (mm)	115 x 300 x 435
Net Weight (kgs)	9
Communication Interface	USB/RS232/RS485/Wifi/Dry-contact
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C