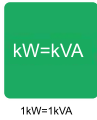


# REVO VM III Series

## Solar Energy Storage Inverter



Battery Optional



1kW=1kVA



Bluetooth

### Product Snapshot

Model: 3-5kW

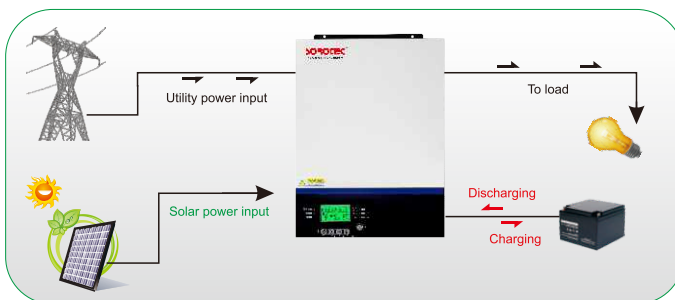
Nominal Voltage: 230VAC

Frequency Range: 50Hz/60Hz

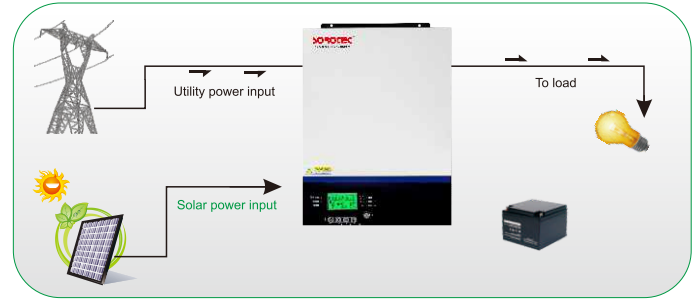


### Battery independency

With battery connected

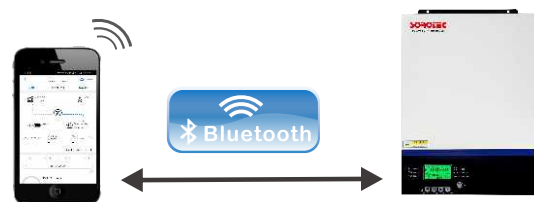


Without battery connected



### Key Features:

- Output power factor PF=1.0 .
- Configurable AC/Solar Charger priority via LCD setting .
- Compatible to mains voltage or generator power .
- Overload ,Over temperature ,Short circuit protection .
- Integrated Bluetooth interface with Android App.
- Supports USB On-the-Go function.
- Reserved communication port (RS-485, CAN-BUS or RS-232) for BMS.
- Battery independency.
- User-friendly LCD operation.
- Replaceable fan design.



### Detachable LCD control module with various communications

This detachable LCD control module can be taken off as a remote panel .Users can install the LCD panel in accessible area away from inverter up to 20 meters.

## REVO VM III Series

Wall Mounted Integrated Solar Power Inverter Technical Specification  
Built-in MPPT Solar Controller

MODEL	REVO VM III 3k-24	REVO VM III 5k-48
Rated Power	3000VA/3000W	5000VA/5000W
<b>INPUT</b>		
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)	
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Solar Charger type	MPPT	
Maximum PV Array Power	4000W	5000W
MPP Range @ Operating Voltage	120 ~ 450 VDC	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum Solar Charge Current	80A	
Maximum AC Charge Current	60A	
Maximum Charge Current	80A	
<b>BATTERY</b>		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC
<b>OUTPUT</b>		
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%	
Surge Power	6000VA	10000VA
Efficiency (Peak)	Up to 93.5%	
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
<b>PHYSICAL</b>		
Dimension, D x W x H (mm)	115 x 300 x 400	
Net Weight (kgs)	9	10
Communication Interface	USB/RS232/RS485/Bluetooth/Dry-contact	
<b>OPERATING ENVIRONMENT</b>		
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.