

REVO VM II PRO

OFF GRID Energy Storage Inverter

series 1.6/3.2/3.5/5.5kW



MPPT
Pure sine wave MPPT solar inverter
Bulit-in 80/100A MPPT solar charger



OFF-Grid
REVO VM II PRO series is suitable for
off-grid applications.



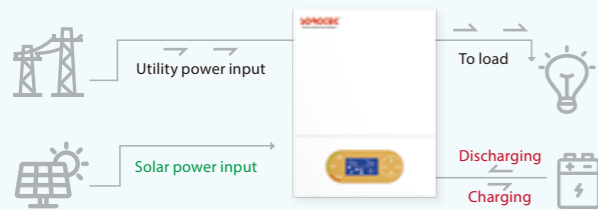
Battery
Battery equalization function extend life cycle
Reserved communication port(RS485,CAN)for BMS



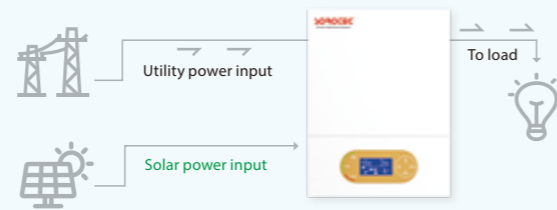
Easy access
High PV input voltage range
With touch buttons

| Technical Specification | REVO VM II PRO series | | | |
|---------------------------------------|--|--------------|--------------|--------------|
| Rated Power | 1600VA/1600W | 3200VA/3200W | 3500VA/3500W | 5500VA/5500W |
| AC INPUT | | | | |
| Voltage | 230VAC (220VAC/240VAC) | | | |
| Selectable Voltage Range | 170~280VAC (For Personal Computers) ; 90~280 VAC (For Home Appliances) | | | |
| Frequency Range | 50/60Hz (Auto sensing) | | | |
| AC OUTPUT | | | | |
| AC Voltage Regulation (Battery Mode) | 230VAC ± 5% | | | |
| Surge Power | 3200VA | 6400VA | 7000VA | 11000VA |
| Efficiency (Peak) | 93% | | | |
| Transfer Time | 10ms (For Personal Computers) ; 20ms (For Home Appliances) | | | |
| Wave Form | Pure sine wave | | | |
| BATTERY | | | | |
| Battery Voltage | 12VDC | 24VDC | 48VDC | |
| Floating Charge Voltage | 13.5VDC | 27VDC | 54VDC | |
| Overcharge Protection | 16VDC | 33VDC | 63VDC | |
| SOLAR CHARGER AC CHARGER | | | | |
| Maximum PV Array Open Circuit Voltage | 500VDC | | | |
| Maximum PV Array Power | 2000W | 3500W | 4500W | 5500W |
| MPPT Range Operating Voltage | 60~450VDC | | 60~450VDC | |
| Maximum Solar Charge Current | 80A | | 100A | |
| Maximum AC Charge Current | 60A | | 80A | |
| Maximum Charge Current | 80A | | 100A | |
| GENERAL PARAMETERS | | | | |
| Operation Temperature | -10° C to 50° C | | | |
| Relative humidity | 5% to 95% Relative Humidity (Non-condensing) | | | |
| Dimensions D x W x H(mm) | 348*270*95 | | 400*300*115 | |
| Net Weight(KG) | 5 | 5.5 | 8.5 | 9 |
| DISPLAY AND COMMUNICATION | | | | |
| Communicaton Interface | Standard:USB/RS232; Optional: CAN&RS485 | | | |
| Safety standard | EN/IEC62109-1,EN/IEC62109-2 | | | |

● With battery connected



● Without battery connected



● Schematic diagram

