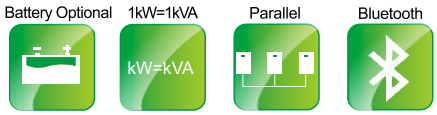
REVO VM IV Series

Hybrid On&Off Grid Energy Storage Inverter

8KW



Product Snapshot

Model: 8KW

Nominal Voltage: 230VAC

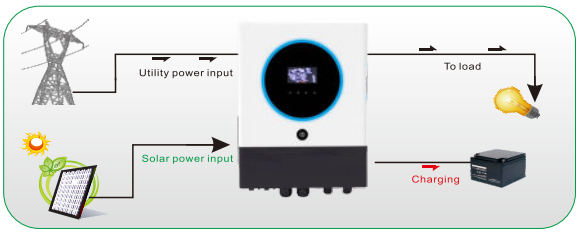
Frequency Range: 50Hz/60Hz

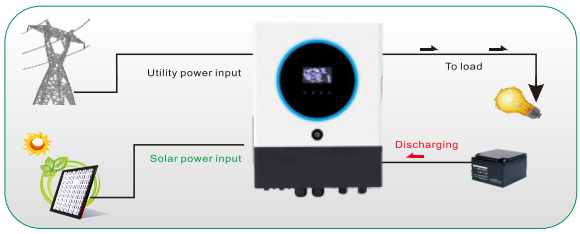
Key Features:

- PF= 1.0 KVA=KW
- Built-in two 4000W MPPTs, with wide input range:120-450VDC
- Support Parallel 6 units
- Communication WIFI or bluetooth
- Operation without battery
- Reserved RS485, CAN port for BMS
- Touchable button with large 5” colored LCD

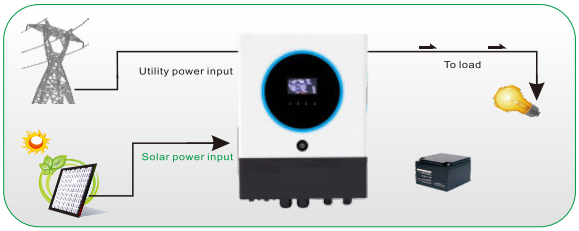
Hybrid Operation

With battery connected

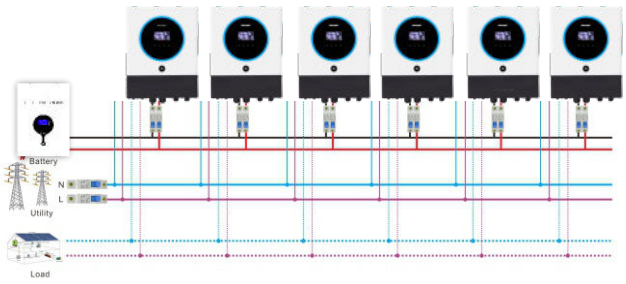




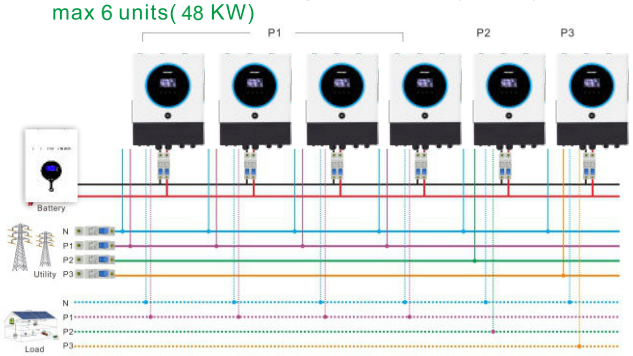
Without battery connected



■Single phase output up to 48 KW using 6 units



■ Three phase output using either 3 units(24 KW)or max 6 units(48 KW)



REVO VM IV Series

Wall Mounted Integrated Solar Inverter Technical Specification

Built-in MPPT Solar Controller

MODEL	REVO VM IV 8000-48
Rated Power	8000VA/8000W
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	
ACVoltage Regulation(Batt. Mode)	230VAC ± 5%
Surge Power	16000VA
Efficiency (Peak)	up to 93.5%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	60VDC
SOLAR CHARGER & AC CHARGER	
Maximum PV Array Open Circuit Voltage	450VDC
Maximum PV Array Power	4000W*2
MPPT Range @ Operating Voltage	120~450 VDC
Maximum Solar Charge Current	120A
Maximum AC Charge Current	120A
Maximum Charge Current	120A
PHYSICAL	
Dimension, D x W x H (mm)	420X561.6X152.4
Net Weight (kgs)	21
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

Note:Product specifications are subject to change without further notice.
SSI20-0000012-04