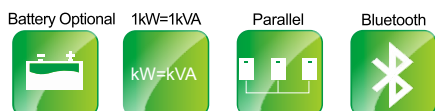


REVO VM II Series

Off Grid Energy Storage Inverter

3-5.5KVA



Product Snapshot

Model: 3KW/3.5KW/5.5KW
 Nominal Voltage: 230VAC
 Frequency Range: 50Hz/60Hz

Anti-Dust Kit:

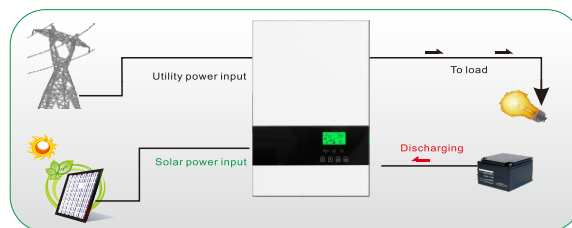
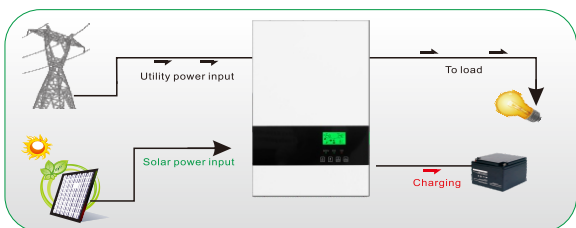
After installing this anti-dust kit, inverter will automatically detect this kit and activate internal thermal sensor to adjust internal temperature. By virtue of the dustproof design, it dramatically increases product reliability in harsh environment.

Key Features:

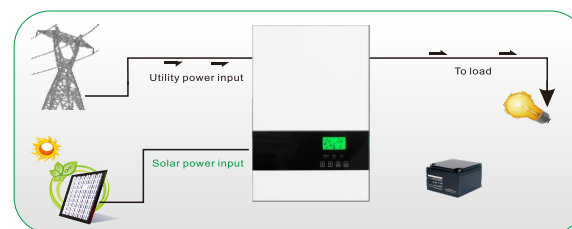
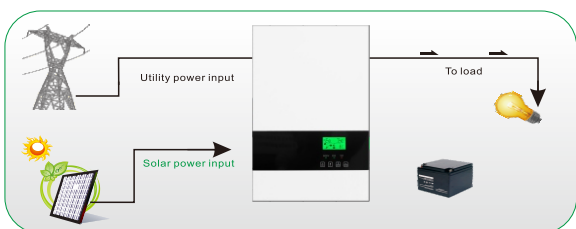
- Pure sine wave solar inverter
- Output power factor 1
- Parallel operation up to 9 units
- High PV input voltage range
- Battery independent design
- Built-in 100A MPPT solar charger
- Battery equalization function to optimize battery performance and extend lifecycle
- Built-in anti-dusk kit for harsh environment

Hybrid Operation

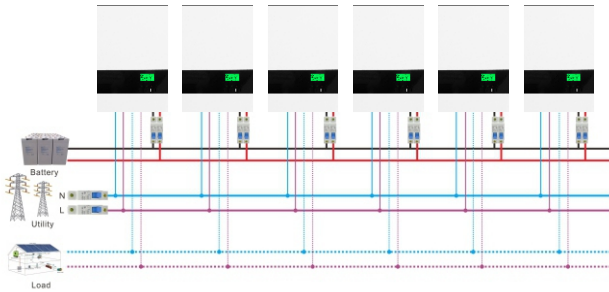
With battery connected



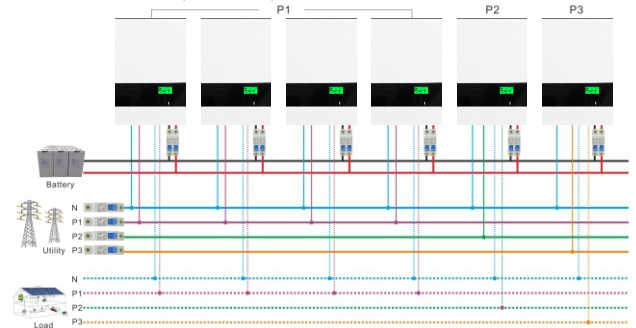
Without battery connected



■ Single phase output up to 49.5KW using 9 units



■ Three phase output using either 3 units(16.5KW)or max 9 units(49.5KW)



REVO VM II Series

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

MODEL	REVO VM II 3000-24	REVO VM II 3500-24	REVO VM II 5500-48
Rated Power	3000VA / 3000W	3500VA / 3500W	5500VA / 5500W
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 ± 5%		
Surge Power	6000VA	7000VA	11000VA
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	24 VDC		48 VDC
Floating Charge Voltage	27 VDC		54 VDC
Overcharge Protection	33 VDC		63 VDC
SOLAR CHARGER & AC CHARGER			
Maximum PV Array Open Circuit Voltage	500 VDC		500 VDC
Maximum PV Array Power	5500 W		5500 W
MPPT Range @ Operating Voltage	120~450 VDC		120~450 VDC
Maximum Solar Charge Current	100 A		100 A
Maximum AC Charge Current	80 A		80 A
Maximum Charge Current	100 A		100 A
PHYSICAL			
Dimension, D x W x H (mm)	100 x 300 x 440		
Net Weight (kgs)	9		10
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.

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