

VP/VM Solar Energy Storage Inverter

Technical parameter

1-5KVA



Product name: REVO VP/VM
Product classification: Solar Energy Storage Inverter
Product model: REVO VP/VM

- Pure sine wave solar inverter
- Output power factor 1
- Selectable high power charging current
- Wide DC input range
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/Solar input priority via LCD setting
- Compatible to AC mains or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function
- Optional anti-dusk kit

- ① AC input
- ② AC output
- ③ PV input
- ④ Battery input
- ⑤ Circuit breaker



Model	REVO VP 1000-12	REVO VM 1000-12	REVO VP 2000-24	REVO VM 2000-24	REVO VP 3000-24	REVO VM 3000-24	REVO VP 5000-48	REVO VM 5000-48
Rated Power	1000VA /1000W	1200VA /1200W	2000VA /2000W	2200VA /2200W	3000VA /3000W	3200VA /3200W	5000VA/5000W	
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	2000VA	4000VA	6000VA	10000VA				
Efficiency (Peak)	90%~93%							
Transfer Time	10 ms (For Personal Computers) ; 20 ms(For Home Appliances)							
Waveform	Pure sine wave							
BATTERY								
Battery Voltage	12VDC	24VDC	48VDC					
Floating Charge Voltage	13.5VDC	27VDC	54VDC					
Overcharge Protection	16VDC	31VDC	33VDC	63VDC				
SOLAR CHARGER & AC CHARGER								
Solar Charger type	PWM	MPPT	PWM	MPPT	PWM	MPPT	PWM	MPPT
Maximum PV Array Open Circuit Voltage	55VDC	102VDC	80VDC	102VDC	80VDC	102VDC	105VDC	145VDC
Maximum PV Array Power	600w	700W	1200W	1400W	1200W	1800W	2400W	3000W
MPPT Range @ Operating Voltage	N/A	17~80VDC	N/A	30~80VDC	N/A	30~80VDC	N/A	60~115VDC
Maximum Solar Charge Current	50A	50A	50A	50A	50A	65A	50A	65A
Maximum AC Charge Current	20A	20A	20A	20A	25A	25A	60A	60A
Maximum Charge Current	50A	60A	50A	60A	70A	80A	110A	120A
PHYSICAL								
Dimension D×W×H (mm)	225×88×320	225×103×320	225×88×320	245×103×330	285×100×334	285×118.3×360.4	300×100×440	302×100×440
Net Weight (kgs)	4.4	4.4	5	5	6.3	6.5	8.5	9.7
Communication Interface	USB/RS232							
ENVIRONMENT								
Humidity	5% to 95% Relative Humidity (Non-condensing)							
Operating Temperature	-10°C~50°C							
Storage Temperature	-15°C ~60°C							