

# REVO VP/VM

OFF GRID Energy Storage Inverter

series 1~5kW



**MPPT**  
Pure sine wave MPPT solar inverter  
BUILT-IN 50/65A MPPT solar charger



**OFF-Grid**  
REVO VP/VM series is suitable for  
off-grid applications.



**Battery**  
Battery equalization function extend lifecycle

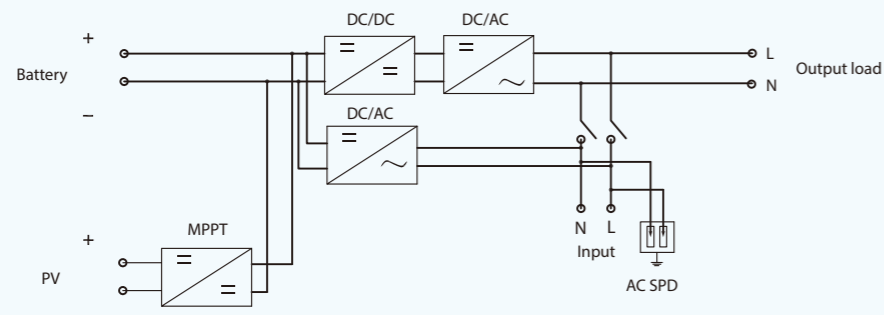


**Easy access**  
Equalization function

● With battery connected



● Schematic diagram



Technical Specification	REVO VP 1000-12	REVO VM 1200-12	REVO VP 2000-24	REVO VM 2200-24	REVO VP 3000-24	REVO VM 3200-24	REVO VP 5000-48	REVO VM 5000-48	
Rated Power	1000VA/W	1200VA/W	2000VA/W	2200VA/W	3000VA/W	3200VA/W	5000VA/W		
<b>INPUT</b>									
Voltage	230VAC								
Selectable Voltage Range	170-280VAC (For Personal Computers); 90-280 VAC (For Home Appliances)								
Frequency Range	50/60Hz (Auto sensing)								
<b>OUTPUT</b>									
AC Voltage Regulation (Battery Mode)	230VAC ± 5%								
Surge Power	2000VA	4000VA		6000VA		10000VA			
Efficiency(Peak)	93%								
Transfer Time	10ms (For Personal Computers); 20m (For Home Appliances)								
Wave Form	Pure sine wave								
<b>BATTERY</b>									
Battery Voltage	12VDC		24VDC			48VDC			
Floating Charge Voltage	13.5VDC		27VDC			54VDC			
Overcharge Protection	16VDC		31VDC		33VDC		63VDC		
<b>SOLAR CHARGER &amp; AC CHARGER</b>									
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	15~80VDC	N/A	30~80VDC	N/A	30~80VDC	N/A	60~115VDC	
Maximum Solar Charge Current	50A	50A	50A	50A	50A	65A	50A	60A	
Maximum AC Charge Current	20A	20A	20A	20A	25A	25A	60A	60A	
Maximum Charge Current	50A	60A	50A	60A	70A	80A	110A	120A	
<b>PHYSICAL</b>									
Dimensions D x W x H (mm)	88*225*320	103*225*320	88*225*320	103*225*330	100*285*334	118*285*360	100*300*440	100*300*440	
Net Weight(KG)	4.4	4.4	5	5	6.3	6.5	8.5	9.7	
Communication Interface	Standard:RS232								
<b>ENVIRONMENT</b>									
Humidity	5% to 95% Relative Humidity(Non-condensing)								
Operating Temperature	-10° C to 50° C								
Storage Temperature	-15° C to 60° C								