

MABUL - REVO

Hybrid Energy Storage Inverter

1.6/3.2/3.5/5.5kW



MPPT

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



Battery

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



OFF-Grid

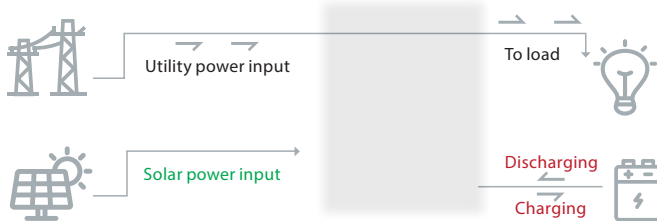
REVO VM II PRO series is suitable for off-grid applications.



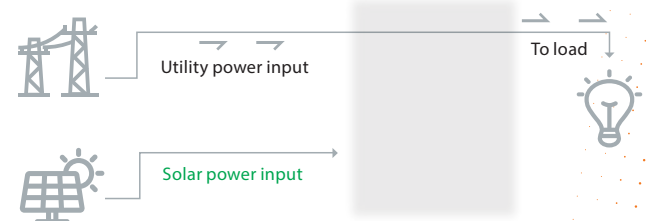
Easy access

High PV input voltage range
With touch buttons

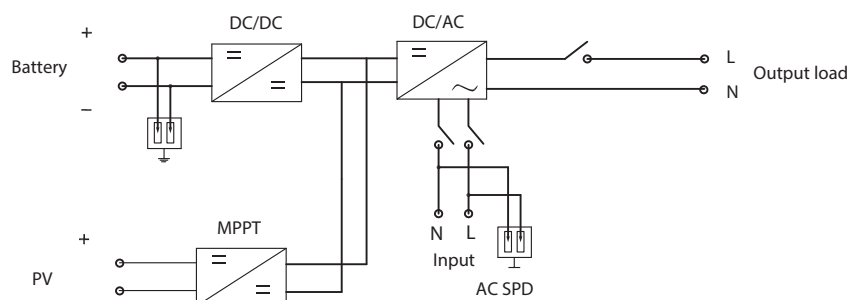
● With battery connected



● Without battery connected



● Schematic diagram



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ENERGY



WATER



IRRIGATION



Hybrid Energy Storage Inverter

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Technical Specification	REVO VM II PRO series			
Rated Power	1600VA/1600W	3200VA/3200W	3500VA/3500W	5000VA/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			

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