

PowerMax VM IV series

Hybrid On & Off Grid Dual output Solar Inverter



Max PV input current 27A

Designed with 27A PV input current compatible to the market trend of increased Imp of solar panel



Easy access

Two outputs for smart load management
The second output can be scheduled on& off based on setting point of battery transfer to utility



Battery

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



Protect

Built-in anti-dust kit for harsh environment
AC overcurrent, AC overvoltage, over temperature protection



On-Grid and Off-Grid

REVO HM series is suitable for on-grid and off-grid applications.

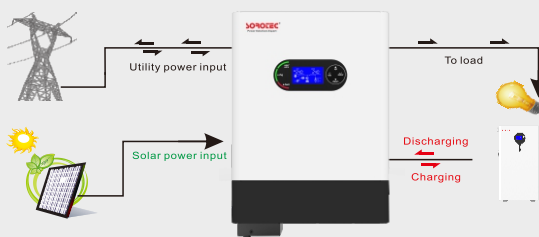


Interface

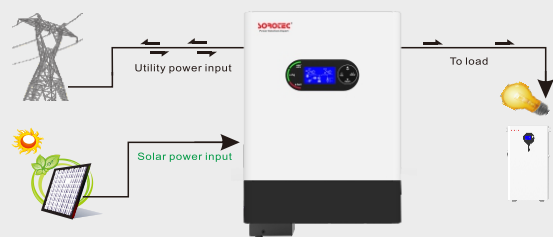
Global cloud platform mobile APP anytime and anywhere open APP, support power internet applications



With battery connected



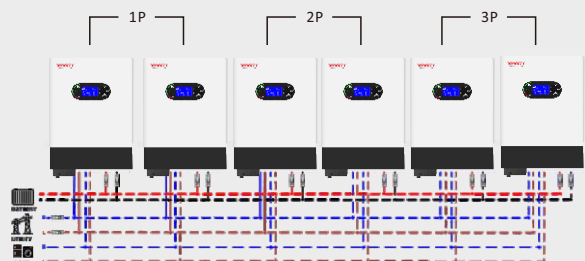
Without battery connected



■ Single phase output up to 36KW using 6units



■ Three phase output using either 3units(18kw)or max 6units(36kw)



Technical Specification	REVO HM series	
Rated Power	5000VA	6000VA/W
AC INPUT		
AC Voltage	230VAC	
Voltage Range	170-280VAC(For Personal Computers);90-280 VAC (For Home Appliances)	
Frequency Range	50Hz/60 Hz (Auto sensing)	
AC OUTPUT		
Surge power	8000VA	12000VA
Voltage regulation(Battery Mode)	230VAC±5%	
Rated frequency	50/60Hz	
Efficiency(Peak)	up to 93.5%	
Transfer Time	10ms (For Personal Computers);20ms (For Home Appliances);	
SOLAR CHARGER & AC CHARGER		
Maximum PV Array Open voltage(V)	500VDC	
Maximum PV Array power	5000W	6000W
MPPT voltage range(V)	60~450VDC	
Maximum input current	27A	
MPPT tracker/strings	1	
Maximum solar charge current	120A	
Maximum AC charge current	100A	
Maximum charge current	120A	
BATTERY		
Battery voltage	24VDC	48VDC
Floating Charge voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Battery type	Lithium /Lead-acid	
PROTECTION& FEATURE		
AC overcurrent	Yes	
AC overvoltage	Yes	
Over temperature protection	Yes	
Smart load management	Yes	
On Grid	Yes	
Parallel Function	Yes (optional)	
GENERAL PARAMTER		
Operation temperature	0°C~ 50°C	
Relative humidity	0 ~95%(non-condensing)	
Altitude	(> 2,000m Derating)	
Dimensions D x W x H (mm)	434x311x126.5	
Net Weight(KG)	8.5	9
DISPLAY AND COMMUNICATION		
Display	Touch buttons	
Interface	Standard:RS485,RS232,CAN ; Optional: Wifi ,Bluetooth	
Safety standard	EN/IEC 62109-1,EN/IEC 62109-2	