

REVO VM IV

Hybrid On & Off Grid Energy Storage Inverter

series 4/6/8/11kW



MPPT
Built-in two MPPT(6KW-11KW),with wide PV input range:60~450VDC



Easy to use
Configurable AC/PV output usage time and prioritization



On & Off-Grid
REVO VM IV series is suitable for on & off-grid applications



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

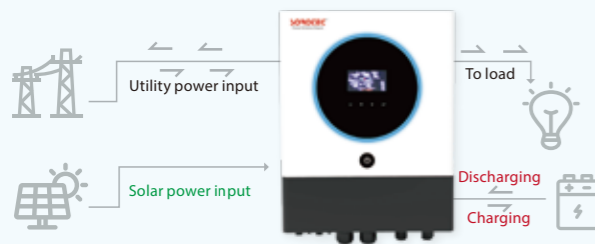


Parallel function
Parallel operation up to 6 units

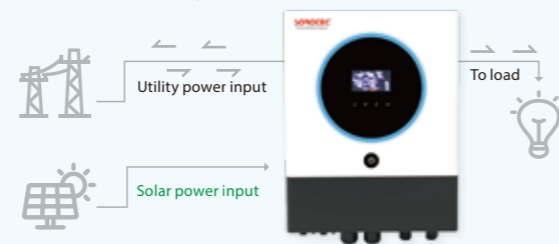


Easy access
Communication WiFi or bluetooth
Touchable button with large 5" colorful LCD

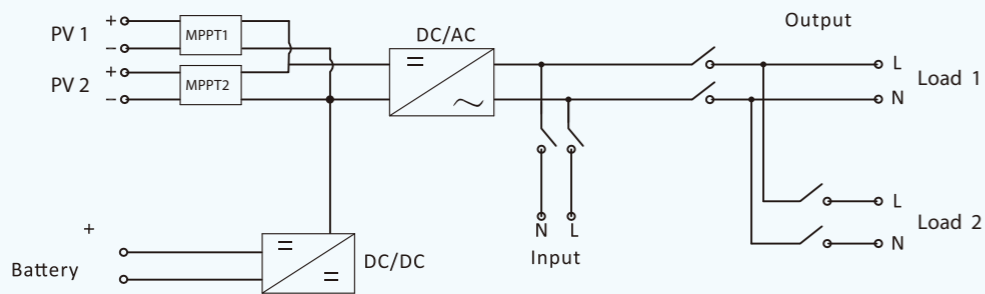
● With battery connected



● Without battery connected



● Schematic diagram



Technical Specification	REVO VM IV series				
Rated Power(W)	4000VA/4000W	6000VA/6000W	6000VA/6000W	8000VA/8000W	11000VA/11000W
AC INPUT					
Nominal Voltage(VAC)	230VAC				
Voltage range(VAC)	170~280VAC / 90~280VAC				
Frequency range(Hz)	50/60Hz				
AC OUTPUT					
Surge power	8000	12000	16000	22000	
Output voltage(VAC)	220/230/240				
Output wave form	Pure sine wave				
Rated Frequency(Hz)	50/60				
Efficiency	93% max				
Transfer time	10ms typical(narrow range);20ms typical (wide range)				
BATTERY					
Nominal DC voltage(VDC)	24			48	
Floating charge voltage(VDC)	27			54	
Overcharge protection(VDC)	31			63	
Battery type	Lithium & Lead-acid				
SOLAR CHARGER & AC CHARGER					
Max.PV array open circuit voltage(VDC)	500				
Max.PV array power(W)	5000W	7000W	8000W (4000*2)	10000W(5000*2)	11000W(5500*2)
MPPT input voltage range@operating(VDC)	60-450				
Max.input current(A)	27	15*2		27*2(Max 40A)	
Max.solar charging current(A)		120		120	150
Max.AC charging current(A)			100	120	150
Max.charging current(A)		120		120	150
DISPLAY INTERFACE					
Parallel function	up to 6 units				
Communication	Standard:RS232,CAN&RS485;Optional:WiFi,Bluetooth				
Display	5" colorful LCD				
ENVIRONMENT					
Humidity	5~90%RH (No Condensing)				
Operating Temperature	-10° C to 50° C				
Net Weight (KG)	9	10	18	18.8	20
Dimensions D x W x H(mm)	434*311*126.5		500*440*136	420*561.6*152.4	