REVO VM II PRO US

Hybrid Solar Energy Storage Inverter

series 2.2kW



MPPT
Pure sine wave MPPT solar inverter
Built-in 80A MPPT solar charger

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

Hybrid
REVO VM II PRO US series is suitable for off-grid and on grid(optional) applications.

Easy access
High PV input voltage range
Two outputs for smart load management (4/6KW OPT)

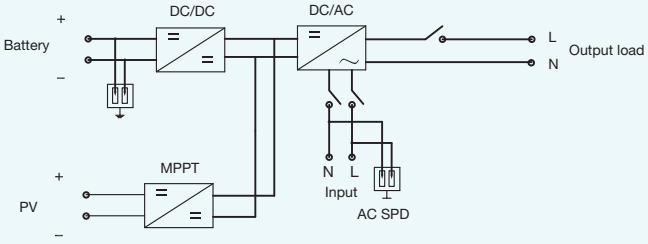
With battery connected



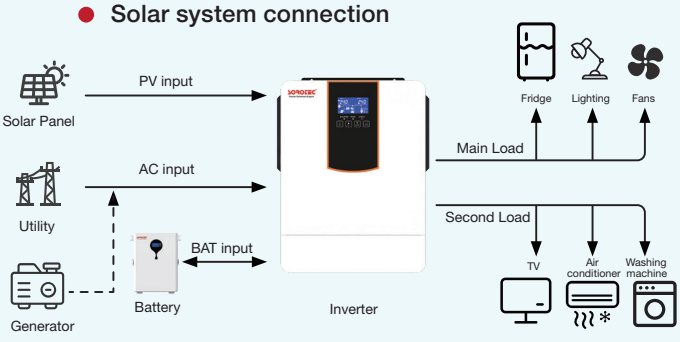
Without battery connected(2.2kw)



Schematic diagram



Solar system connection



Technical Specification	REVO VM II PRO US series
Rated Power	2200VA/2200W
AC INPUT	
AC Voltage	110/120VAC
Voltage Range	85-140VAC
Frequency Range	50/60Hz (Auto sensing)
AC OUTPUT	
Surge Power	4400VA
AC Voltage Regulation (Battery Mode)	110/120VAC ± 5%
Rated frequency	50/60Hz
Efficiency (Peak)	93%
Transfer Time	10ms (For Personal Computers) ; 20ms (For Home Appliances)
BATTERY	
Battery Voltage	24VDC
Floating Charge Voltage	27VDC
Overcharge Protection	33VDC
Battery type	Lithium/Lead-acid
SOLAR CHARGER & AC CHARGER	
Maximum PV Array Open Voltage(V)	300VDC
Maximum PV Array Power	3000W
MPPT voltage range(V)	60~260VDC
Maximum input current	18A
MPPT tracker/strings	1
Maximum solar charge current	80A
Maximum AC charge current	80A
Maximum charge current	80A
PROTECTION & FEATURE	
AC overcurrent	Yes
AC overvoltage	Yes
Over temperature protection	Yes
On Grid	Yes (optional)
GENERAL PARAMETERS	
Operation temperature	-10°C ~ 50°C
Relative humidity	5% ~ 95% (Non-condensing)
Altitude	(2000m Derating)
Dimensions DxWxH(mm)	281*398*109.5
Net Weight(KG)	7
COMMUNICATION	
Interface	Standard:RS232,USB; CAN&RS485; Optional:WiFi,Bluetooth
Safety standard	EN/IEC62109-1,EN/IEC62109-2