

REVO VM IV PRO-T series
Hybrid Energy Storage Inverter
离网光伏逆变器
4/6KW



Max PV input current 27A
最大光伏输入电流27A
Designed with 27A PV input current
compatible to the market trend of increased Imp
of solar panel



Easy access 轻松访问
Two outputs for smart load management
The second output can be scheduled on& off
based on set ng point of babery transfer to uolity



Batery 电池
Batery equalizaaoon funcnon extend lifecycle
Reserved communicaton port (RS485,CAN)) for
BMS



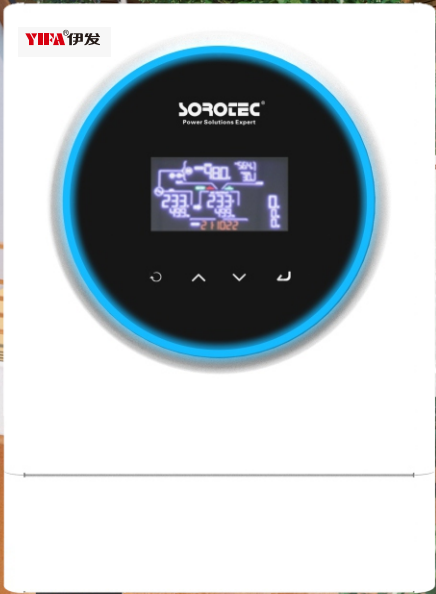
RGB
Lights 屏幕
Customizable status LED ring with RGB lights



Off-Grid 离网
REVO VM IV Pro-T series is suitable for
off-grid applicaaons.



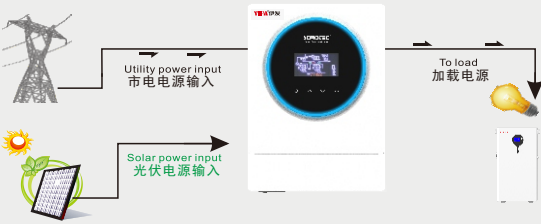
Interface 连接
Global cloud platorm mobile APP anyyme and
anywhere open APP , support power internet
applicatons



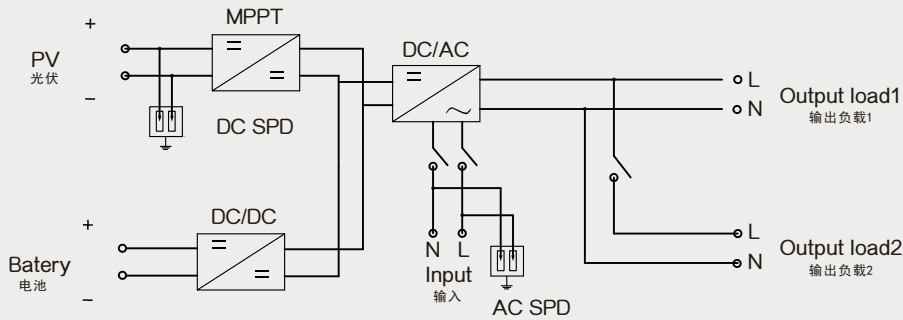
With batery connected
连接电池时



Without batery connected
未连接电池时



Schematic diagram
电路图



OFF GRID INVERTER 离网逆变器



产品系列 Technical Specificaaoon	REVO VM IV PRO-T series	
Rated Power 额定功率	4000VA/4000W	6000VA/6000W
AC INPUT 交流输入		
AC Voltage 交流电压	230VAC	
Voltage Range 电压范围	170-280VAC(For Personal Computers);90-280 VAC (For Home Appliances)	
Frequency Range 频率范围	50Hz/60 Hz (Auto sensing)	
AC OUTPUT 交流输出		
Surge power 浪涌功率	8000VA	12000VA
Voltage regulaton(Baaery Mode) 电压调节（电池模式）	230VAC ± 5%	
Rated frequency 额定频率	50/60Hz	
Efficiency(Peak) 效率（峰值）	up to 93.5%	
Transfer Time 切换时间	10ms (For Personal Computers);20ms (For Home Appliances);	
BATTERY 电池		
Batery voltage 蓄电池电压	24VDC	48VDC
Floating Charge voltage 浮动充电电压	27VDC	54VDC
Overcharge Protecton 过充保护	33VDC	63VDC
Batery type 电池类型	Lithium /Lead-acid 锂/铅酸电池	
SOLAR CHARGER & AC CHARGER 光伏充电器和交流充电器		
Maximum PV Array Open voltage(V) 最大光伏阵列开路电压（V）	500VDC	
Maximum PV Array power 最大光伏阵列功率	5000W	6000W
MPPT voltage range(V) MPPT电压范围	60~450VDC	
Maximum input current 最大输入电流	27A	
MPPT tracker/strings MPPT数量/各最大并联组串数	1	
Maximum solar charge current 最大光伏充电电流	120A	
Maximum AC charge current 最大交流充电电流	100A	
Maximum charge current 最大充电电流	120A	
PROTECTION& FEATURE 保护和功能		
AC overcurrent 交流过电流	Yes	
AC overvoltage 交流过电压	Yes	
Over temperature protecton 过热保护	Yes	
Smart load management 智能负载管理	Yes	
GENERAL PARAMTER 常规参数		
Operaton temperature 工作温度	0° C~ 50° C	
Relative humidity 相对湿度	0 ~95%(non-condensing)	
Altitude 海拔	(>2,000m Deratng)	
Dimensions D x W x H (mm) 尺寸	434*311*126.5	
Net Weight(KG) 重量	8.5	9
DISPLAY AND COMMUNICATION 显示和通信		
Display 显示	Touch butons 触摸键+LCD	
Interface 界面	Standard:RS232, CAN&RS485; Optonal: WiFi ,Bluetooth	
Safety standard 安全标准	EN/IEC 62109-1,EN/IEC 62109-2	