

REVO HMT series

Hybrid On & Off-Grid Energy Storage Solar Inverter

并网混合储能逆变器

4/6KW

★ ★

On-Grid and Off-Grid 并网

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

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Easy access 轻松访问

Accessible through a LCD touch screen and through the web.
Two outputs for smart load management

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Remote Monitoring 远程监控

Control and monitor your smart system on the move via our monitoring App and website

⚡

Flexible Rate Tariff 灵活费率电价

Charge from the grid at off-peak time when energy is cheaper, and discharge at peak time when energy is more expensive.

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BMS

BMS Communication for lithium battery

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Safe 安全

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

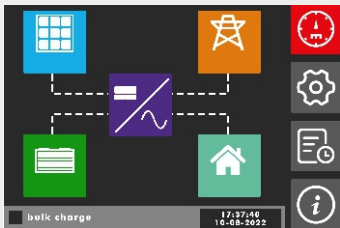
Product characteristics

产品特性



- A: AC OUTPUT
B: AC INPUT
C: COM
D: PV INPUT
E: ON/OFF
F: DC INPUT
G: PARALLEL CONNECTION

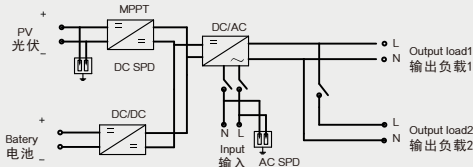
- A: 交流输出
B: 交流输入
C: 通讯接口
D: 光伏输入
E: 开关
F: 直流输入
G: 并联接口



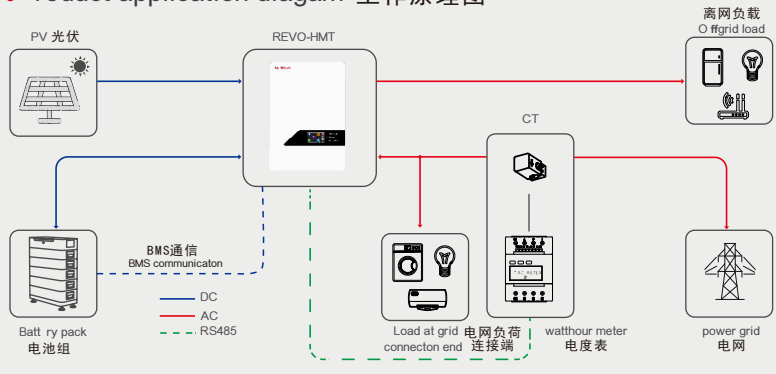
LCD touch screen
LCD触摸屏

Circuit block diagram

线路图



Product application diagram 工作原理图



ENERGY STORAGE INVERTER 储能逆变器



产品系列 Technical Specifcicaon	REVO HMT 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	48VDC	
Floating Charge voltage 浮动充电电压	54VDC	
Overcharge Protecton 过充保护	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	90~450VDC	
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	80A	120A
Maximum AC charge current 最大交流充电电流	60A	100A
Maximum charge current 最大充电电流	80A	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	
On Grid	Yes	
Parallel Functon	Yes (optional)	
GENERAL PARAMETER 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	315*140*525	
Net Weight(KG) 重量	9	10.5
DISPLAY AND COMMUNICATION 显示和通信		
Display 显示	Touch butons 触摸键+LCD	
Interface 界面	Standard:RS232,CAN&RS485 ; Optional: WiFi ,Bluetooth,CT	
Safety standard 安全标准	EN/IEC 62109-1,EN/IEC 62109-2	