

家用储能系统  
Residential Energy Storage System  
(机架式 Rack-Mounted)



型号 Model

RES-10RT

RES-20RT

## 逆变器 INVERTER

最大充电电流 (市电) Max.Charging Current(AC)	60A
MPPT 电压范围 (太阳能) MPPT Voltage Range(PV)	120-450vdc
最大输入功率 (太阳能) Max.Input Power(PV)	5500W
最大输入电流 (太阳能) Max.Input Current(PV)	22A
充电电流范围 (太阳能) Charging Current Range(PV)	0-80A
最大混合充电电流 (太阳能 + 市电) Max.Mixed Charging Current(PV+AC)	0-80A
额定输入电压 (市电模式) Rated Input Voltage(AC Mode)	220A
输入电压范围 (市电模式) Input Voltage Range(AC Mode)	(170Vac-280Vac)±2% (90Vac-280Vac)±2%
转换时间 (市电模式) Conversion Time(AC Mode)	10ms
额定输出功率 (逆变模式) Rated Output Power(Inversion Mode)	5000W
额定输出电压 (逆变模式) Rated Output Voltage(Inversion Mode)	220V
输出频率范围 (逆变模式) Output Frequency Range(Inversion Mode)	50Hz±0.3Hz/60Hz±0.3Hz
最大功率 (逆变模式) Max.Power(Inversion Mode)	>92%

## 电芯 CELL

电池容量 Energy Capacity	51.2V106Ah	51.2V125Ah
电芯类型 Cell Specifications	LiFePO4	
电池组合方式 Cell Configuration	16S1P	16S1P

## 模组 MODULES

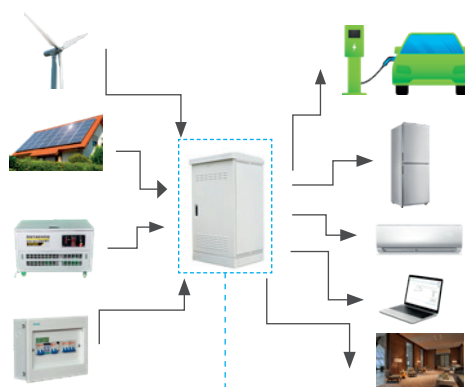
充电截止电压 Charging Cut-off Voltage	56V
标准充电电流 Standard Charge Current	50A
放电截止电压 Discharging Cut-off Voltage	45V
标准放电电流 Standard Discharge Current	100A
通讯方式 Communication Mode	RS485/RS232/CAN
电池管理系统 BMS	Over-voltage, Low-voltage, Temperature control, Overload and AC short circuit protection, Surge protection
工作温度范围 Operating Temperature	Charging temperature 0°C -45°C Discharging temperature -10°C -45°C
循环次数 Cycle Life	>5,000 Cycles
质保 Warranty	5 Years
尺寸 Dimension(W/D/H)	OEM
净重 Net Weight	/
其他功能 (选配) Other Function(Optional)	Bluetooth APP

Home WTG System

Home PV System

Generator

Commercial Power



EV Car Charging

Refrigerator

Air Conditioning

Computer Power Supply

Household Lighting

