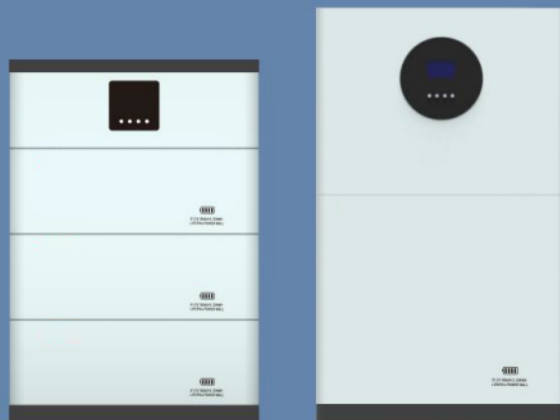




- > LITHIUM BATTERY
- > ENERGY STORAGE SYSTEM
- > MANUFACTURER 锂电池和储能系统

The Professional Battery
Manufacturer 電池專業製造商

CONTENT 目录



- **51.2V LiFeP04 Batteries**
51.2V 磷酸铁锂电池组
- **Commercial and Industrial System**
- **Portable Power Station**
便推式电源
- **12.8V LiFeP04 Batteries**
12.8V 磷酸铁锂电池组
- **25.6V LiFeP04 Batteries**
25.6V 磷酸铁锂电池组
- **51.2V LiFeP04 Batteries**
51.2V 磷酸铁锂电池组
- **11.1V NCM Batteries**
11.1V 三元锂电池组

[25.6V] LiFePO4 Battery Packs

Home Energy Storage System
Lithium iron Phosphate Batteries



型号 Model No	F24100C	F24200C	F24300C
产品特点 Product features	Home Energy Storage System		
液晶显示 LCD Display	Y		
电池种类 Type	LiFePO4		
排列方法 Pack Method	8S1P		
单体电芯额定容量 Cell Nominal Capacity	100AH	200AH	314AH
标称电压 Nominal voltage	25.6V		
容量 Usable energy	2560Wh	5120Wh	8038Wh
充电方式 Charge method	CC/CV		
充电截止电压 Charge cut-off voltage	29.2V		
放电截止电压 Discharge cut-off voltage	22.4V		
标准充电电流 Standard charge current	20A	40A	60A
最大充电电流 Max. charge current	50A (Max)	100A (Max)	100A (Max)
标准放电电流 Standard discharge current	50A	50A	50A
最大持续放电电流 Max. continues discharge	100A	100A	100A
循环寿命 Cycle Life	≥6000 cycles	≥6000 cycles	≥6000 cycles
外形尺寸 Dimension	500*400*250 mm	500*460*250 mm	600*460*250 mm
重量 Weight	23 Kg	46 Kg	58 Kg
通信方式 Communication	CAN, RS485, RS232, WiFi, Bluetooth [Selectable]		
工作温度 Working temperature	Charge: 0°C~55°C Discharge: -20°C~60°C		
存储温度 Storage Temperature	-10°C~50°C		
保护 Protection	Over Charge Protection, Over discharge protection, Over current Protection, Short circuit Protection, Over Temperature Protection.		

[51.2V] LiFePO4 Battery Packs

Home Energy Storage System
Lithium iron Phosphate Batteries

家庭储能系统 [磷酸铁锂电池]

-  优质磷酸铁锂电池
Quality LFP Battery
-  智能电池管理系统
Smart BMS
-  蓝牙监控系统
Bluetooth Monitor System
-  液晶屏显示电池和管理系统状态
LCD Monitor SOC & BMS



F48100C

F48200C

F48300C

型号 Model No

产品特征 Product features

Home Energy Storage System

液晶显示 LCD Display	Y	Y	Y
电池种类 Type	LiFePO4	LiFePO4	LiFePO4
排列方法 Pack Method	16S1P	16S1P	16S1P
单体电芯额定容量 Cell Nominal Capacity	100AH	200AH	314AH
标称电压 Nominal voltage	51.2V	51.2V	51.2V
容量 Usable energy	5120Wh	10240Wh	16076Wh
充电方式 Charge method	CC/CV	CC/CV	CC/CV
充电截止电压 Charge cut-off voltage	58.4V	58.4V	58.4V
放电截止电压 Discharge cut-off voltage	44.8	44.8	44.8
标准充电电流 Standard charge current	20A	40A	60A
最大充电电流 Max. charge current	50A (Max)	100A (Max)	100A (Max)
标准放电电流 Standard discharge current	50A	50A	50A
最大持续放电电流 Max. continues discharge	100A	100A	100A
循环寿命 Cycle Life	≥6000 cycles	≥6000 cycles	≥6000 cycles
外形尺寸 Dimension	600*460*250 mm	720*460*250 mm	560*760*240 mm
重量 Weight	46 Kg	88 Kg	110 Kg
通信方式 Communication	CAN, RS485, RS232, WiFi, Bluetooth [Selectable]		
工作温度 Working temperature	Charge: 0°C~55°C Discharge: -20°C~60°C		
存储温度 Storage Temperature	-10°C~50°C		
保护 Protection	Over Charge Protection, Over discharge protection, Over current Protection, Short circuit Protection, Over Temperature Protection.		

一体式家庭储能系统



主要特性 MAIN FEATURES



一体式设计，方便安装，节省空间
All in one, save the installation time and space.



优质磷酸铁锂电池
Quality LFP Battery



弹性容量,堆叠模块从5度电~20度电自由配搭
Flexible Storage Capacity: modular batteries from 5kwh ~20kwh.



智能电池管理系统
Smart BMS



内置MPPT太阳能控制器，宽光伏电压90VDC~450VDC
Built-in MPPT solar charge controller, wide PV input voltage from 90VDC~450VDC



蓝牙监控系统
Bluetooth Monitor System



程序控制电池和电网的优先级
Programmable supply priority for battery or grid.



液晶屏显示电池和管理系统状态
LCD Monitor SOC & BMS

使用场景 Usage Scenarios



空调
Air Conditioner



冰箱
Refrigerator



办公
Laptops



娱乐
Audio/Video



办公娱乐
Laptops Audio/Video



电饭煲电水壶
Rice Cooker/Electric Kettle



洗衣机
Washing Machine



电热毯
Electric heated blankets



风扇
Fan



照明
Lighting

一体式家庭储能系统

SPECIFICATION规格	ESS 6KW/5KWh	ESS 6KW/10KWh	ESS 6KW/15KWh	ESS 6KW/20KWh
INVERTER/CHARGER逆变器/充电器				
Inverter Type 逆变器规格型号	6KW/48V			
Rated Output Power 输出功率	6KW			
Output Voltage Waveform 输出电压波形	Pure Sine Wave 纯正弦波			
Output Voltage 输出电压	230VAC50HZ			
Low DC Warning Voltage 低压报警察	45.8Vdc			
Low DC Cut-off Voltage 低压截止	44.8Vdc			
Low DC Warning Return Voltage 低压恢复电压	46.8Vdc			
Total Charging Current(Grid+solar)总充电电流	100A Max.			
Bulk Charging Voltage 充电电压	57.6Vdc			
Float Charging Voltage 浮充电压	56.0Vdc			
LITHIUM IRON PHOSPHATE BATTERY 磷酸铁锂电池				
Normal Battery Modular 电池模块	51.2V100Ah*1	51.2V100Ah*2	51.2V100Ah*3	51.2V100Ah*4
Normal Capacity 能量 (25°C,0.2C)	5120Wh	10.24KWh	15.36KWh	20.48KWh
Nominal Battery Voltage 电池额定电压	51.2Vdc	51.2Vdc	51.2Vdc	51.2Vdc
Nominal Capacity 额定容量	100A	200A	300A	400A
Max. Charge Current 最大充电电流	150A 1Sec.	300A 1Sec.	450A 1Sec.	600A 1Sec.
Max. Discharge Current 最大放电电流	50A	100A	150A	200A
Operation Voltage Range 工作电压范围	44.8Vdc ~ 58.4Vdc			
Operation Temperature 工作温度范围	-10°C~+50°C			
AC INPUT 交流输入				
Nominal Input Voltage 额定输入电压	230Vac			
Input Voltage Range 输入电压范围	170Vac ±7~265Vac			
Max.AC Input Voltage 最大输入电压	265Vac			
Nominal Input Frequency 额定输入频率	50HZ/60HZ ±5%(Auto detection)			
AC Charging Current 交流输入电流	120A Max.			
SOLAR INPUT 太阳能光伏输入				
MPPT Voltage Range MPPT电压范围	90Vdc~500Vdc			
Optimal PV Voltage Range 最佳电压范围	360Vdc~430Vdc			
Max.PV Array Open Circuit Voltage 最大光伏开路电压	500Vdc			
Solar Charging Current 太阳能充电电流	100A Max.			
PROTECTION 保护				
Protection保护	Over charge protection、Over discharge protection、Over current protection、Shortcircuit protection、Over temperature protection 过充保护、过放保护、过流保护、短路保护、过温保护			
AMBIENT 环境条件				
Noise(dB) 噪声	<30°C<40dB(1 meter)			
Working Temperature 工作温度	-10°C~+50°C			
Humidity湿度	20~95%(no condensation 无凝露)			
Altitude 海拔 (m)	≤1500			
OTHERS 其他				
Efficiency 效率	92.0%			
Warranty 质保	5 Years			

一体式家庭储能系统



主要特性 MAIN FEATURES



一体式设计, 方便安装, 节省空间
All in one, save the installation time and space.



弹性容量, 堆叠模块从5度电~20度电自由配搭
Flexible Storage Capacity: modular batteries from 5kwh ~20kwh.



内置MPPT太阳能控制器, 宽光伏电压90VDC~450VDC
Built-in MPPT solar charge controller, wide PV input voltage from 90VDC~450VDC



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Smart BMS



蓝牙监控系统
Bluetooth Monitor System



液晶屏显示电池和管理系统状态
LCD Monitor SOC & BMS

使用场景 Usage Scenarios



空调
Air Conditioner



冰箱
Refrigerator



办公
Laptops



娱乐
Audio/Video



办公娱乐
Laptops Audio/Video



电饭煲电水壶
Rice Cooker/Electric Kettle



洗衣机
Washing Machine



电热毯
Electric heated blankets



风扇
Fan



照明
Lighting

一体式家庭储能系统

SPECIFICATION规格	ESS 6KW/5KWh	ESS 6KW/10KWh
INVERTER/CHARGER逆变器/充电器		
Inverter Type 逆变器规格型号	6KW/48V	
Rated Output Power 输出功率	6KW	
Output Voltage Waveform 输出电压波形	Pure Sine Wave 纯正弦波	
Output Voltage 输出电压	230VAC50HZ	
Low DC Warning Voltage 低压报警察	45.8Vdc	
Low DC Cut-off Voltage 低压截止	44.8Vdc	
Low DC Warning Return Voltage 低压恢复电压	46.8Vdc	
Total Charging Current(Grid+solar)总充电电流	100A Max.	
Bulk Charging Voltage 充电电压	57.6Vdc	
Float Charging Voltage 浮充电压	56.0Vdc	
LITHIUM IRON PHOSPHATE BATTERY 磷酸铁锂电池		
Normal Battery Modular 电池模块	51.2V100Ah*1	51.2V100Ah*2
Normal Capacity 能量 (25°C,0.2C)	5120Wh	10.24KWh
Nominal Battery Voltage 电池额定电压	51.2Vdc	51.2Vdc
Nominal Capacity 额定容量	100A	200A
Max. Charge Current 最大充电电流	150A 1Sec.	300A 1Sec.
Max. Discharge Current 最大放电电流	50A	100A
Operation Voltage Range 工作电压范围	44.8Vdc ~ 58.4Vdc	
Operation Temperature 工作温度范围	-10°C~+50°C	
AC INPUT 交流输入		
Nominal Input Voltage 额定输入电压	230Vac	
Input Voltage Range 输入电压范围	170Vac ±7~265Vac	
Max.AC Input Voltage 最大输入电压	265Vac	
Nominal Input Frequency 额定输入频率	50HZ/60HZ ±5%(Auto detection)	
AC Charging Current 交流输入电流	120A Max.	
SOLAR INPUT 太阳能光伏输入		
MPPT Voltage Range MPPT电压范围	90Vdc~500Vdc	
Optimal PV Voltage Range 最佳电压范围	360Vdc~430Vdc	
Max.PV Array Open Circuit Voltage 最大光伏开路电压	500Vdc	
Solar Charging Current 太阳能充电电流	100A Max.	
PROTECTION 保护		
Protection保护	Over charge protection、Over discharge protection、Over current protection、 Shortcircuit protection、Over temperature protection 过充保护、过放保护、过流保护、短路保护、过温保护	
AMBIENT 环境条件		
Noise(dB) 噪声	<30°C<40dB(1 meter)	
Working Temperature 工作温度	-10°C~+50°C	
Humidity 湿度	20~95%(no condensation 无凝露)	
Altitude 海拔 (m)	≤1500	
OTHERS 其他		
Efficiency 效率	92.0%	
Warranty 质保	5 Years	

[51.2V] LiFePO4 Battery Packs

Home Energy Storage System
Lithium iron Phosphate Batteries



型号 Model No	F48100C	F48200C	F48300C
产品特征 Product features	Home Energy Storage System		
液晶显示 LCD Display	Y	Y	Y
电池种类 Type	LiFePO4	LiFePO4	LiFePO4
排列方法 Pack Method	16S1P	16S1P	16S1P
单体电芯额定容量 Cell Nominal Capacity	100AH	200AH	300AH
标称电压 Nominal voltage	51.2V	51.2V	51.2V
容量 Usable energy	5120Wh	10240Wh	15360Wh
充电方式 Charge method	CC/CV	CC/CV	CC/CV
充电截止电压 Charge cut-off voltage	58.4V	58.4V	58.4V
放电截止电压 Discharge cut-off voltage	44.8	44.8	44.8
标准充电电流 Standard charge current	20A	40A	60A
最大充电电流 Max. charge current	50A (Max)	100A (Max)	100A (Max)
标准放电电流 Standard discharge current	50A	50A	50A
最大持续放电电流 Max. continues discharge	100A	100A	100A
循环寿命 Cycle Life	≥6000 cycles	≥6000 cycles	≥6000 cycles
外形尺寸 Dimension	500*490*185 mm	640*600*200 mm	560*760*240 mm
重量 Weight	46 Kg	88 Kg	110 Kg
通信方式 Communication	CAN, RS485, RS232, WiFi, Bluetooth [Selectable]		
工作温度 Working temperature	Charge: 0°C~55°C Discharge: -20°C~60°C		
存储温度 Storage Temperature	-10°C~50°C		
保护 Protection	Over Charge Protection, Over discharge protection, Over current Protection, Short circuit Protection, Over Temperature Protection.		

[51.2V] LiFePO4 Battery Packs

Home Energy Storage System
Lithium iron Phosphate Batteries



型号 Model No	F48400C	F48500C	F48600C
产品特征 Product features	Home Energy Storage System		
液晶显示 LCD Display	Y	Y	Y
电池种类 Type	LiFePO4	LiFePO4	LiFePO4
排列方法 Pack Method	16S2P	16S2P	16S2P
单体电芯额定容量 Cell Nominal Capacity	400AH	500AH	600AH
标称电压 Nominal voltage	51.2V	51.2V	51.2V
容量 Usable energy	20480Wh	25600Wh	30720Wh
充电方式 Charge method	CC/CV	CC/CV	CC/CV
充电截止电压 Charge cut-off voltage	58.4V	58.4V	58.4V
放电截止电压 Discharge cut-off voltage	44.8	44.8	44.8
标准充电电流 Standard charge current	80A	100A	120A
最大充电电流 Max. charge current	200A (Max)	200A (Max)	200A (Max)
标准放电电流 Standard discharge current	100A	100A	100A
最大持续放电电流 Max. continues discharge	200A	200A	200A
循环寿命 Cycle Life	≥6000 cycles	≥6000 cycles	≥6000 cycles
外形尺寸 Dimension	650*1000*250 mm	780*860*250 mm	990*700*240 mm
重量 Weight	168 Kg	185 Kg	210 Kg
通信方式 Communication	CAN, RS485, RS232, WiFi, Bluetooth [Selectable]		
工作温度 Working temperature	Charge: 0°C~55°C Discharge:-20°C~60°C		
存储温度 Storage Temperature	-10°C~50°C		
保护 Protection	Over Charge Protection, Over discharge protection, Over current Protection, Short circuit Protection, Over Temperature Protection.		



Model 型号

F24100L

F24150L

F24200L

Model 型号	F24100L	F24150L	F24200L
Battery Type 电池类型:	LiFePO4 Battery 磷酸铁锂电池		
Capacity 容量:	25.6V 100AH 2.56KWH	25.6V 150AH 3.84KWH	25.6V 200AH 5.12KWH
Inverter 逆变器:	Pure Sine Wave 1000W	Pure Sine Wave 1500W	Pure Sine Wave 2000W
Input 输入			
1. AC Charging 交流充电	AC 220V(180V~255V) 30A(Max) 50/60Hz		
2. Solar Charging 太阳能充电	20-48V 20A(Max) 500W(Max)		
Output 输出			
AC Output 220V	Pure Sine Wave 1000W	Pure Sine Wave 1500W	Pure Sine Wave 2000W
USB1 / USB2	15W 5V 3A		
Type-C1	5V 3A/9V 2A/12V 1.5A		
Cigarette Lighter 点烟器	DC 12V 5A		
DC5521 直流输出	DC 12V 5A*2		
LED Light LED灯	1-3W White LED Light 3 Flash Mode 白色LED灯,3种亮灯模式		
Efficiency 转换效率	90%		
Dimensions 尺寸	390*390*200 mm	450*450*240 mm	520*520*240 mm
Net Weight 重量	26 Kg	40 Kg	52 Kg
Cycle Life 循环寿命	≥6000 cycles 循环		
Guarantee Period - Battery 保质期-电池	5 Years 5年		
Guarantee Period - Electronic Circuit 保质期-电子电路	3 Years 3年		
Protection 保护	Over Charge, Over Discharge, Over Voltage, Over Current Protection 过充保护, 过放保护, 过压保护, 过流保护 DC/AC BMS independent overcurrent, short-circuit, over-temperature protection 直流/交流保护板独立过流保护, 短路保护, 过温保护 AC primary and secondary over-temperature protection 交流一级和二级过温保护		

[51.2V] LiFePO4 Battery Packs

Home Energy Storage System
Lithium iron Phosphate Batteries



F4850R

F48100R

F48200R

型号 Model No

产品特征 Product features

Home Energy Storage System

液晶显示 LCD Display

Y

Y

Y

电池种类 Type

LiFePO4

LiFePO4

LiFePO4

排列方法 Pack Method

16S1P

16S1P

16S1P

单体电芯额定容量 Cell Nominal Capacity

50AH

100AH

200AH

标称电压 Nominal voltage

51.2V

51.2V

51.2V

容量 Usable energy

2560Wh

5120Wh

10240Wh

充电方式 Charge method

CC/CV

CC/CV

CC/CV

充电截止电压 Charge cut-off voltage

58.4V

58.4V

58.4V

放电截止电压 Discharge cut-off voltage

44.8

44.8

44.8

标准充电电流 Standard charge current

10A

20A

40A

最大充电电流 Max. charge current

25A (Max)

50A (Max)

100A (Max)

标准放电电流 Standard discharge current

25A

50A

50A

最大持续放电电流 Max. continues discharge

50A

100A

100A

循环寿命 Cycle Life

≥6000 cycles

≥6000 cycles

≥6000 cycles

外形尺寸 Dimension

442*400*177 mm

442*560*177 mm

442*590*270 mm

重量 Weight

25 Kg

46 Kg

85 Kg

通信方式 Communication

CAN, RS485, RS232, WiFi, Bluetooth [Selectable]

工作温度 Working temperature

Charge: 0°C~55°C

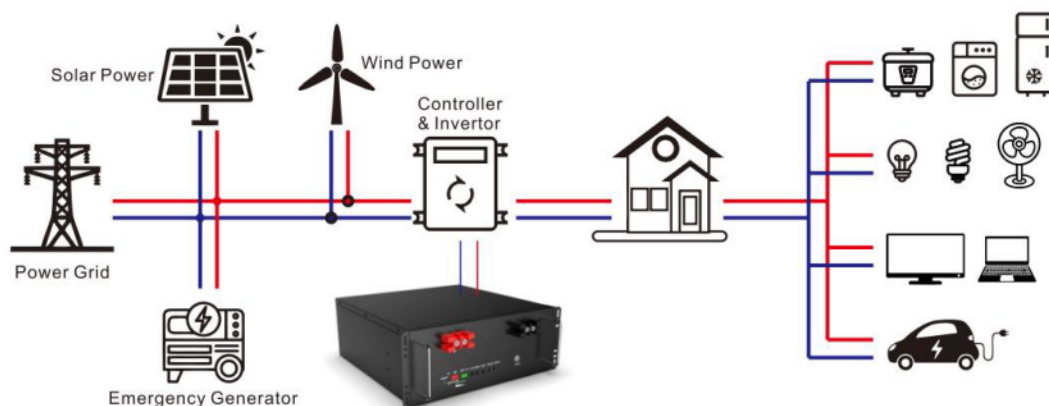
Discharge: -20°C~60°C

存储温度 Storage Temperature

-10°C~50°C

保护 Protection

Over Charge Protection, Over discharge protection,
Over current Protection, Short circuit Protection,
Over Temperature Protection.



Model 型号	48100		
Battery Type 电池类型	LiFePO4		
Module Energy 模块能量	5.12Kwh		
Single Module Nominal Voltage 单模块标称电压	51.2V		
Module Capacity 单模块容量	100AH		
Number of Battery Modules (Optional) 模块数量	4	8	12
System Energy 系统能量	20.48KWh	40.96Kwh	61.44KWh
System Nominal Voltage 系统标称电压	204.8V	409.6V	614.4v
System Operating Voltage 系统运行电压范围	192-230.4V	384-460.8V	576-691.2V
Recommend Charge/Discharge current 充电/放电电流	50A		
Max.continuous charge/Discharge current 最大充电/放电电流	100A		
Peak Charge/Discharge current 峰值电流	120A		
Depth of Discharge(DOD) 放电深度	≥95%		
Protection Level 保护级别	IP21		
OperatingTemperature Range 工作温度范围	Charge:0~+55°C/Discharge:-20°C~+55°C		
Storge Temperature Range 存储温度范围	0°C~+35°C		
Humidity 湿度	5%~95%		
Altitude 海拔高度	≤2000m		
Cycle Life 循环寿命	≥6000 Cycles		
Installation 安装方式	Rack-Mounting		
Protection 保护	Built-in smart BMS, Breaker		
Communication Port 通讯	RS485/CAN		
Warranty Period 质保时间	10 Year		

FEATURES

- Long Warranty: 10 Years
- Flexible Installation: Stack-Mounted.
- LiFePO4: Higher safe performance and longer cycle life.
- Wide Compatibility: Compatible with leading inverter brands.
- Comprehensive Protection: Internal short circuit, over voltage over current, overtemperature, under voltage.



Model 型号	48280		
Battery Type 电池类型	LiFePO4		
Module Energy 模块能量	5.12KWh		
Single Module Nominal Voltage 单模块标称电压	51.2V		
Module Capacity 单模块容量	280AH		
Number of Battery Modules (Optional) 模块数量	4	8	12
System Energy 系统能量	57.344KWh	114.688KWh	172.032KWh
System Nominal Voltage 系统标称电压	204.8V	409.6V	614.4v
System Operating Voltage 系统运行电压范围	192-230.4V	384-460.8V	576-691.2V
Recommend Charge/Discharge current 充电/放电电流	50A		
Max.continuous charge/Discharge current 最大充电/放电电流	100A		
Peak Charge/Discharge current 峰值电流	120A		
Depth of Discharge(DOD) 放电深度	≥95%		
Protection Level 保护级别	IP21		
OperatingTemperature Range 工作温度范围	Charge:0~+55°C/Discharge:-20°C~+55°C		
Storge Temperature Range 存储温度范围	0°C~+35°C		
Humidity 湿度	5%~95%		
Altitude 海拔高度	≤2000m		
Cycle Life 循环寿命	≥6000 Cycles		
Installation 安装方式	Rack-Mounting		
Protection 保护	Built-in smart BMS, Breaker		
Communication Port 通讯	RS485/CAN		
Warranty Period 质保时间	10 Year		



Model 型号	F800-280
DC 直流	
Cell 电芯	LFP 280Ah
Voltage 电压	832V(650~949V)
Pack Capacity /Arrangement 电池组容量/串并组合	46.6KWH/1P52S
Protection 保护	Circuit braker and fuse
Enclosure Protection/ 外壳保护等级	IP67
System Capacity /Arrangement 系统容量/串并组合	232.9KWH/1P260S
Nominal Current 额定电流	140A
Charge/Discharge Rate 充电/放电倍率	≤ 0.5Cp
DC Efficiency 直流效率	94%
AC(On Grid) 交流 (并网)	
Nominal Output Power 额定输出功率	100KW
Nominal Input Voltage 额定输入电压	AC340V~460V
Power Factor 功率因数	-0.99 ~ 0.99
Nominal Output Current 额定输出电流	145A
Nominal Grid Frequency 频率	50Hz/60Hz
Wiring 布线	3P+N+PE (Non isolated)
AC(off Grid) 交流 (离网)	
Nominal Output Power 额定输出功率	100KW
Nominal Input Voltage 额定输入电压	AC400V ± 3%
THD 总谐波失真	Linear Load ≤ 3%
Nominal Output Current 额定输出电流	145A
Nominal Grid Frequency 标称电网频率	50Hz/60Hz
Transformer/STS 变压器	No isolated transformer/STS inside
Output Wiring 输出布线	3P+N+PE Non isolated)
System 系统	
Overall System Efficiency 系统总效率	87%±0.5P(STD)
Communication 通讯	LAN, Modbus TCP
Fire Prevention 防火等级	Pack level FK5112+pack level Aerosol+ water
DOD 放电深度	5~95%
Charging/Discharging Rate 充电/放电倍率	≤ 0.5Cp
Cooling Power 冷却功率	2.2kW/5.0kW@W18/L35
Cooling 冷却方式	Liquid cooling
Operation Temperature 运行温度	-20℃~50℃(>45℃ derating)
Cabinet Enclosure Protection for Cabinet 机柜外壳防护等级	IP54
Relative Humidity Range 相对湿度	5~95%RH(no condensing)
Noise 噪声	<75dB
Weight 重量	3000KG
Max. Operation Altitude 最大海拔高度	≤2000M
Size(MM) 尺寸	1700L*1550D*2400H

Long Life: Cycle life > 6000

Integrated: All in one design

High Efficiency: Battery 94%, system 87%

Easy Mantaince: Self diagnosis and fault location

Easy Manage: Ready to work, auto switch on grid /off grid mode

High Safety: No parallel/no circulating currents/3 fire prevention



Liquid Cooling



Commercial and Industrial System Air Cooling



Model 型号	F768-280(215KWh)	F768-300(230KWh)	F768-320(245KWh)
Normal Voltage 标称电压	768V		
Cell 电芯	LFP 280Ah	LFP 300Ah	LFP 320Ah
Number of MPPT MPPT数量	2		
MPPT Operating Voltage/Full Load Voltage MPPT运行电压/满载电压	250~850/450~850		
Protection 保护	Circuit braker and fuse		
Pack Capacity /Arrangement 电池组容量/串并组合	14.336KWH/1P16S	14.336KWH/1P16S	14.336KWH/1P16S
Maximum PV Input Voltage/Power 最大光伏输入电压功率	1000V/120kW		
System Capacity /Arrangement 系统容量/串并组合	215KWH/1P240S	230KWH/1P240S	245KWH/1P240S
Nominal Current 额定电流	140A	140A	160A
Charge/Discharge Rate 充电/放电倍率	≤0.5Cp		
DC Efficiency 直流效率	94%		
AC(On Grid) 交流 (并网)			
Nominal Output Power 额定输出功率	100KW		
Nominal Input Voltage 额定输入电压	AC340V~460V		
Power Factor 功率系数	-1 ~ 1		
Nominal Output Current 额定输出电流	144A		
Nominal Grid Frequency 频率	50Hz/60Hz		
Wiring 布线	3P+N+PE		
AC(off Grid) 交流 (离网)			
Nominal Output Power 额定输出功率	100KW		
Nominal Input Voltage 额定输入电压	AC400V		
THD 总谐波失真	Linear≤1% / Nonlinear≤5%		
Nominal Output Current 额定输出电流	144A		
Nominal Grid Frequency 标称电网频率	50Hz/60Hz		
Transformer/STS 变压器	No isolated transformer / STS inside		
Output Wiring 输出布线	3P+N+PE		
System 系统			
Overall System Efficiency 系统总效率	87%&0.5P(STD)		
Communication 通讯	Rs485, CAN, TCP/IP		
Fire Prevention 防火等级	FK5112		
DOD 放电深度	5~95%		
Charging/Discharging Rate 充电/放电倍率	≤0.5Cp		
Cooling Power 冷却功率	1.1 kW / 3.0 kW		
Cooling 冷却方式	Forced air cooling		
Operation Temperature 运行温度	-20°C~50°C(>45°C derating)		
Cabinet Enclosure Protection for Cabinet 机柜外壳防护等级	IP54		
Relative Humidity Range 相对湿度	5~95%RH(no condensing)		
Noise 噪声	<75dB		
Weight 重量	2800KG	2900KG	3000KG
Max. Operation Altitude 最大海拔高度	≤ 3000M	≤3000M	≤ 3000M
Size(MM) 尺寸	2450L*1550D*2400H	2450L*1550D*2400H	2450L*1550D*2400H

Long Life: Cycle life ≥ 6000

Integrated: All in one design

Easy Expand: With module design

High Efficiency: Battery 94%, system 87%

Multi Branch: Support load, battery and PV

Easy Maintance: Self diagnosis and fault location

Easy Manage: Ready to work, auto switch on grid /off grid mode

High Safety: No circulating currents/3 fire prevention

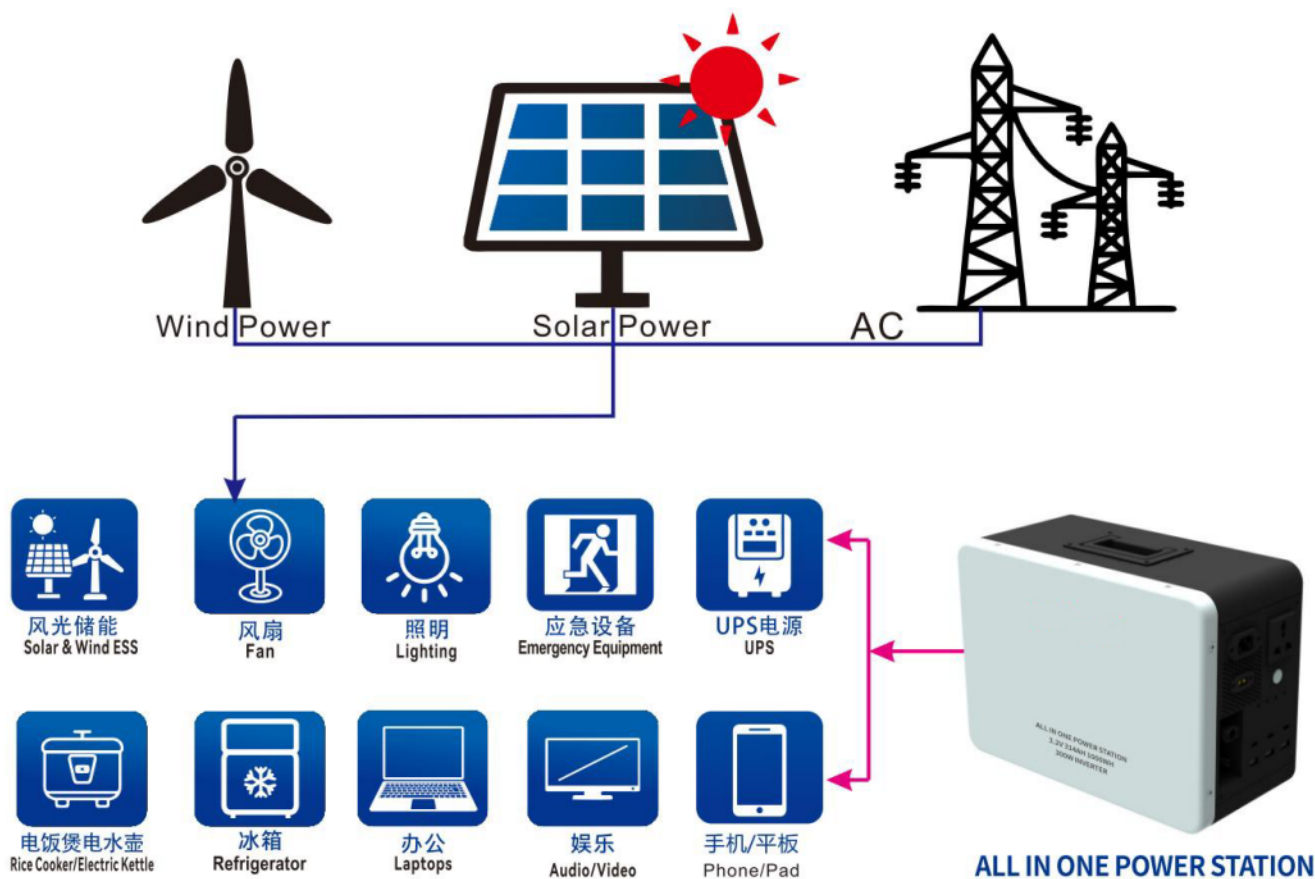
Air Cooling



ALL IN ONE POWER STATION

主要特性 MAIN FEATURES

- 一体式设计，方便携带，广泛适用于户外和家用
All in one, Easy for both outdoor and household use.
- 优质磷酸铁锂电池
Quality LFP Battery
- 内置MPPT太阳能控制器，宽光伏电压12VDC~55VDC
Built-in MPPT solar charge controller, wide PV input voltage from 12VDC~55VDC
- 智能电池管理系统
Smart BMS
- 程序控制电池和电网的优先级
Programmable supply priority for battery or grid.
- LED显示电池和管理系统状态
LED Monitor SOC & BMS
- 300W双向逆变，可以交流输入输出，可直流输出
300W bidirectional inverter, can be input/output AC Power
- 过充/过放/过流/短路/温度保护
OCP/ODP/OCP/OTP/Short Circuit Protect.

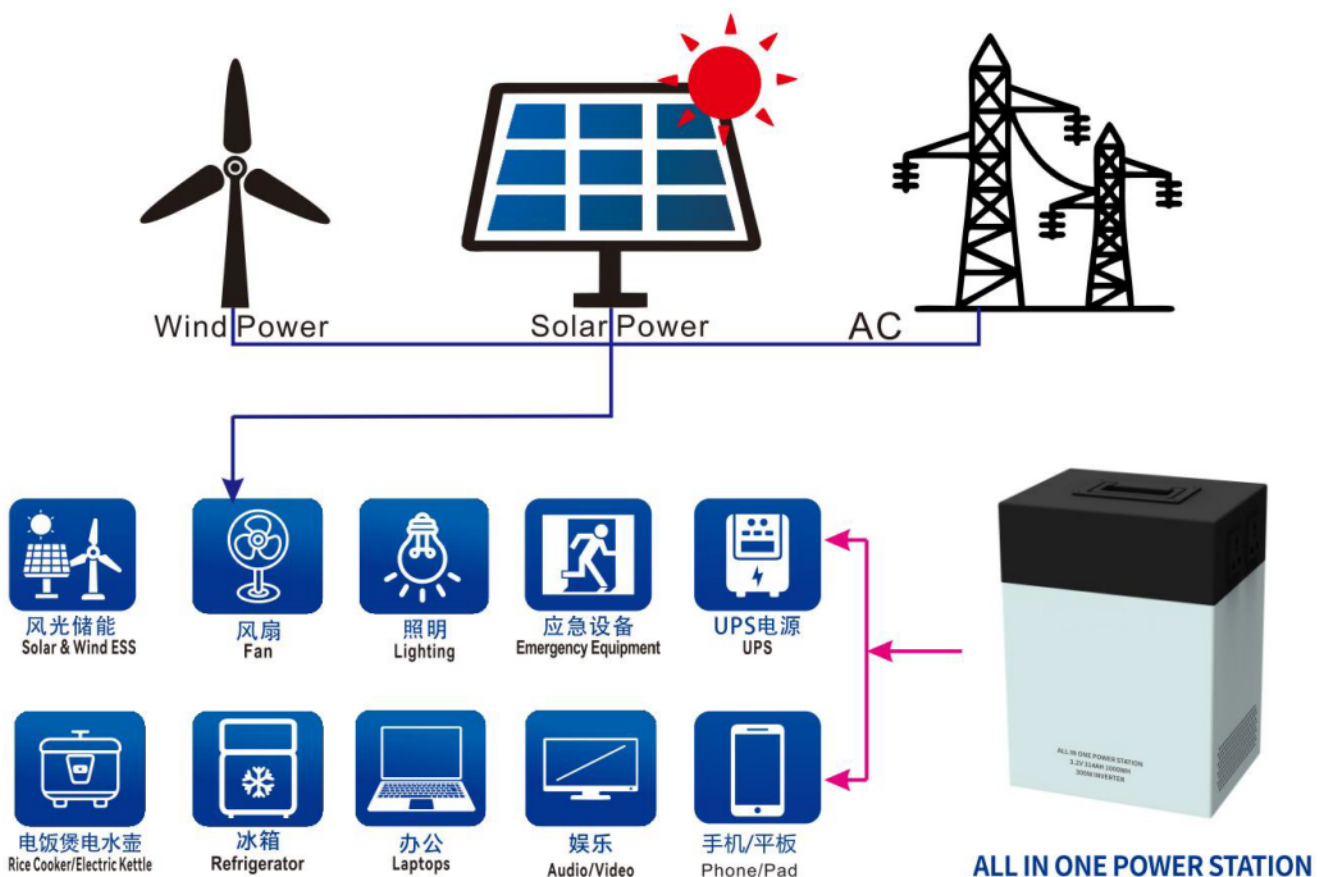


SPECIFICATION	200AH 200W	280AH 300W	314AH 300W	314AH 500W
Lithium Iron Phosphate Battery				
Typical Capacity (AH)	100AH	280Ah	314Ah	314Ah
Capacity (WH)	640Wh	896Wh	1004.8Wh	1004.8Wh
Nominal Battery Voltage	3.2Vdc	3.2Vdc	3.2Vdc	3.2Vdc
Max.Charge Current	50A	130A	150A	150A
Max.Discharge Current	50A	130A	150A	150A
Operation Voltage Range	2.8Vdc~3.6Vdc	2.8Vdc~3.6Vdc	2.8Vdc~3.6Vdc	2.8Vdc~3.6Vdc
Operation Temperature	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C
Inverter / Charger				
Rated AC Output Power	300W	300W	300W	500W
Output Voltage Waveform	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
Output Voltage	185~230Vac	185~230Vac	185~230Vac	185~230Vac
Output Frequency	50Hz	50Hz	50Hz	50Hz
Charging Power	200W Max.	300W Max.	300W Max.	500W Max.
AC Input				
Nominal Input Voltage	230Vac	230Vac	230Vac	230Vac
Input Voltage Range	176~264 Vac	176~264 Vac	176~264 Vac	176~264 Vac
Max. AC Input Voltage	300Vac	300Vac	300Vac	300Vac
Nominal Input Frequency	45~65Hz	45~65Hz	45~65Hz	45~65Hz
AC Charging Power	200W Max.	300W Max.	300W Max.	500W Max.
Solar Input				
PV Array MPPT Voltage Range	12Vdc~55Vdc	12Vdc~55Vdc	12Vdc~55Vdc	12Vdc~55Vdc
Max. PV Array Open Circuit Voltage	60Vdc	60Vdc	60Vdc	60Vdc
Solar Charging Power	200W Max.	200W Max.	200W Max.	300W Max.
Max input current limiting	10A Max.	10A Max.	10A Max.	10A Max.
DC Output				
DC Output Power	DC12V 60W Max.			
DC Output Socket	3 pcs 5V2A USB charger, 3 pcs TYPE C charger			
LED Indicator	SOC indicators, Working status indicators			
Protection				
Protection	Overcharge protection, Overdischarge protection, Overcurrent protection, Shortcircuit protection, Overtemperature protection			
Ambient				
Noise(Db)	<50 db(1m)			
working Temperature	-10°C~+50°C			
Humidity	0~95% (no condensation)			
Dimension & Weight				
L×W×H (mm)	320*230*150	320*230*150	320*230*150mm	330*250*180
Net Weight(KG)	8.5	10	11	12



主要特性 MAIN FEATURES

- 一体式设计，方便携带，广泛适用于户外和家用
 All in one, Easy for both outdoor and household use.
- 优质磷酸铁锂电池
 Quality LFP Battery
- 内置MPPT太阳能控制器，宽光伏电压12VDC~55VDC
 Built-in MPPT solar charge controller, wide PV input voltage from 12VDC-55VDC
- 智能电池管理系统
 Smart BMS
- 程序控制电池和电网的优先级
 Programmable supply priority for battery or grid.
- LED显示电池和管理系统状态
 LED Monitor SOC & BMS
- 300W双向逆变，可以交流输入输出，可直流输出
 300W bidirectional inverter, can be input/output AC Power
- 过充/过放/过流/短路/温度保护
 OCP/ODP/OCV/OTP/Short Circuit Protect.



SPECIFICATION	100AH 200W	200AH 200W	280AH 300W	314AH 300W	314AH 500W
Lithium Iron Phosphate Battery					
Typical Capacity (AH)	100AH	100AH	280Ah	314Ah	314Ah
Capacity (WH)	320Wh	640Wh	896Wh	1004.8Wh	1004.8Wh
Nominal Battery Voltage	3.2Vdc	3.2Vdc	3.2Vdc	3.2Vdc	3.2Vdc
Max.Charge Current	50A	50A	130A	150A	150A
Max.Discharge Current	50A	50A	130A	150A	150A
Operation Voltage Range	2.8Vdc~3.6Vdc	2.8Vdc~3.6Vdc	2.8Vdc~3.6Vdc	2.8Vdc~3.6Vdc	2.8Vdc~3.6Vdc
Operation Temperature	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C
Inverter / Charger					
Rated AC Output Power	200W	300W	300W	300W	500W
Output Voltage Waveform	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
Output Voltage	185~230Vac	185~230Vac	185~230Vac	185~230Vac	185~230Vac
Output Frequency	50Hz	50Hz	50Hz	50Hz	50Hz
Charging Power	200W Max.	200W Max.	300W Max.	300W Max.	500W Max.
AC Input					
Nominal Input Voltage	230Vac	230Vac	230Vac	230Vac	230Vac
Input Voltage Range	176~264 Vac	176~264 Vac	176~264 Vac	176~264 Vac	176~264 Vac
Max. AC Input Voltage	300Vac	300Vac	300Vac	300Vac	300Vac
Nominal Input Frequency	45~65Hz	45~65Hz	45~65Hz	45~65Hz	45~65Hz
AC Charging Power	200W Max.	200W Max.	300W Max.	300W Max.	500W Max.
Solar Input					
PV Array MPPT Voltage Range	12Vdc~55Vdc	12Vdc~55Vdc	12Vdc~55Vdc	12Vdc~55Vdc	12Vdc~55Vdc
Max. PV Array Open Circuit Voltage	60Vdc	60Vdc	60Vdc	60Vdc	60Vdc
Solar Charging Power	200W Max.	200W Max.	200W Max.	200W Max.	300W Max.
Max input current limiting	10A Max.	10A Max.	10A Max.	10A Max.	10A Max.
DC Output					
DC Output Power	DC12V 60W Max.				
DC Output Socket	2 pcs 5V2A USB charger, 1 pcs TYPE C charger, 12V2A DC Power JACK 5.5*2.1mm				
LED Indicator	SOC indicators, Working status indicators				
Protection					
Protection	Overcharge protection, Overdischarge protection, Overcurrent protection, Shortcircuit protection, Overtemperature protection				
Ambient					
Noise(Db)	<50 db(1m)				
working Temperature	-10°C~+50°C				
Humidity	0~95% (no condensation)				
Dimension & Weight					
L×W×H (mm)	280*200*130	290*200*130mm	290*200*150mm	290*200*150mm	330*250*180
Net Weight(KG)	5.5	8.5	10	11	12

光伏储能小系统640-1920Wh, 300/500W

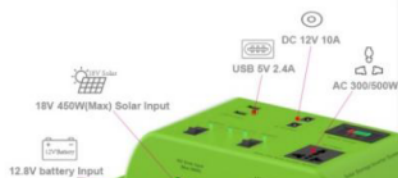
Solar Energy Storage System 640-1920Wh, 300-500W



640-1920WH
12.8V 50-150AH



AC 300/500W
USB 5V2.4A / DC12V10A



Inverter system can be used separately as 12V inverter. Lithium battery packs can be used individually or in parallel in 2 pcs

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- UPS Backup Power
- Medical Equipment
- Fire And Security System

型号/Model	S50/100/150-300/500W
	电池系统/Battery system
标称电压/Nominal voltage	12.8V
标称容量/Nominal capacity	50/100/150Ah
额定能量/Rated energy	640/1280/1920WH
充电终止电压/Charge termination voltage	14.6V
放电终止电压/Discharge termination voltage	11.2V
	逆变系统/Inverter system
交流输出/AC output	300/500W
直流输出/DC output	USB 5V 2.4A*2, DC 12V 10A*2
输入频率/Input frequency	60Hz/50Hz
太阳能输入/Solar charging input	18V 450W(Max), 注意只能18V光伏输入/Note: 18V Solar input only
输出电压/Output voltage	100V/110V/220V/230VAC±5%
工作环境/Work environment	温度: -20°~60°; 湿度: ≤95%; 海拔≤4000m /Temperature: -20°~60°; Humidity: ≤95%; Altitude ≤4000m
保护功能/Protection function	过压、低压、过载、短路、过温等/Over voltage, low voltage, overload, short circuit, over temperature, etc.
产品和包装尺寸/Product & package size	电池Battery system: 329×173×216 / 350×190×240mm, 逆变器Inverter system: 230×120×60 / 240×170×70mm
产品和包装重量/Product & package weight	电池Battery: 6.5/10.5/16.8kg, 7.2/11/17.5kg, 逆变器Inverter system: 1.2/2.2kg, 1.6/2.6kg

备注Note:

光伏只能选用18V最大450W的光伏板输入。Solar panel input only can be used 18V, Max 450W

逆变系统不能单独接光伏使用, 需接电池一并使用 Inverter system can't be connected to the solar use alone, need to be connected to the battery pack and used together

储能系统&户外电源2合1(0.9kWh 1KW)

Solar Energy Storage System & Solar Generator 2 in 1

Solar Storage & Solar Generator



902WH
LiFePO4 Battery



AC 600/1000W
USB-A 10W USB-C 18W



Can be stacked in parallel or used individually

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- UPS Backup Power
- Medical Equipment
- Fire And Security System

户外电源 Solar Generator

容量/Capacity	902Wh
额定功率/Rated Power	AC 1000W (Surge 2000W)
太阳能/市电输入/Solar/Mains charging input	Solar: (42V 300W), AC110/220V: 150W
输出电压/Output voltage	100V/110V/220V/230VAC±5%
USB输出/USB output	USB-A Output: USB-A:2.4A *3pcs USB-C Output: 5-12V 18W *1pc
LED照明	5W 500lm

可堆叠并联使用或单独使用 Can be stacked in parallel or used individually

光伏储能逆变小系统 Solar Energy Storage Inverter System

容量/Capacity	902Wh
额定功率/Rated Power	AC 600W (Surge 1200W)
太阳能/市电输入/Solar/Mains charging input	Solar: 42V 300W, No AC Input
输出电压/Output voltage	100V/110V/220V/230VAC±5%
USB输出/USB output	USB-A Output: USB-A:2.4A *3pcs USB-C Output: 5-12V 18W *1pc, Add DC12V 120W *1pc
LED照明	5W 500lm
工作环境/Work environment	温度: -20°~60°; 湿度: ≤95%; 海拔≤4000m /Temperature: -20°~60°; Humidity: ≤95%; Altitude ≤4000m
保护功能/Protection function	过压、低压、过载、短路、过温等/Over voltage, low voltage, overload, short circuit, over temperature, etc.
产品和包装尺寸/Product & package size	239*170*224/350*230*290mm
产品和包装重量/Product & package Weight	7.8/8.9kg

备注Note:

光伏只能选用42V最大300W的光伏板输入 Solar panel input only can be used 42V, Max 300W

户外电源版本, 可堆叠并联使用, 储能系统版本不支持, 但增加了12V120W输出

Solar Generator version, can be stacked and used in parallel, energy storage system version is not supported, AC output is reduced to 600W, but added 12V120W output port

Mobile Solar Energy Storage System



Model No: FC 200 [200W 153WH]

Mobile Solar Energy Storage System

AC output power: 200W

AC output peak: 400W

Battery: 12.8V LiFePO4 battery

153WH (12Ah) / 205WH (16Ah)

DC 12V Output ports: 3 pcs

USB Output ports: 1 pcs

Type-C Output ports: 1 pcs

AC output voltage: 1pcs AC Socket/ AC220V

Charging time: Utility :5-6Hrs Solar Panel : 5-6Hrs

18V solar charging/ AC charging ports : 1pcs

Cycle life: More than 4000times

Inverter power: 220V, 200W Modified Sine Wave inverter

product size: 22*12.5*13 cm



Model No: FC 300 [300W 196WH]

Mobile Solar Energy Storage System

AC output power: 300W

AC output peak: 600W

Battery: 12.8V LiFePO4 battery

192WH (15Ah) / 256WH (20Ah)

DC 12v Output ports: 3 pcs

USB Output ports: 1 pcs

Type-C Output ports: 1 pcs

AC output voltage: 1pcs AC Socket/ AC220V

Charging time: Utility :5-6Hrs Solar Panel : 5-6Hrs

18V solar charging/ AC charging ports :1 pcs

Cycle life: More than 4000times

Inverter power: 220V, 300W Modified Sine Wave inverter

product size: 22*12.5*13cm



Mobile Solar Energy Storage System



Model No: FC 315 [300W 192WH]

Mobile Solar Energy Storage System

AC output power: 300W

AC output peak: 600W

Battery: 12.8V LiFePO4 battery
192WH (15Ah) / 256WH (20Ah)

DC 12v Output ports: 3pcs

USB Output ports: 2pcs

AC output voltage: 2pcs AC Socket/ AC220V

Charging Parameters: DC12-24V 4A

Charging time: Utility :5-6H Solar Panel : 5-6H

18V solar charging/ AC charging ports :1pcs

Cycle life: More than 3500times

Inverter power: 220V, 300W Modified Sine Wave inverter

product size: 22.5*18.5*9.5cm



Model No: FC 500 [500W 512WH]

Mobile Solar Energy Storage System

AC output power: 500W

AC output peak: 1000W

Battery: LiFePO4 battery 12.8V 512WH (40Ah)

DC 12V Output ports: 2pcs

USB Output ports: 3pcs

TYPE-C port: 1pcs

AC output voltage: 2 pcs AC Socket/ AC220V

Charging Parameters: DC12-24V 10A

Charging time: Utility : 4-5Hrs Solar :5-6Hrs

18V solar charging/ AC charging ports :2pcs

Cycle life: More than 3500times

Inverter power: 220V, 500W, pure sine wave inverter

product size: 28.5*16*19.5cm



Model No: FC128 [128WH]

Mobile Solar Energy Storage System

Battery: 12V10A (LiFePO4 battery)

DC Output ports: 12V10A*4pcs

USB ports: 5V2.5A* 2pcs

Solar charging Ports: 18V20W*1pcs

Charging time: Utility : 5-6H

Products size 210x120x130mm





Model No 型号: **F150 [150W 153.6Wh]**

Battery & Inverter 电池和逆变器

Battery Type 电池类型: LiFePO4 batteries磷酸铁锂电池

Capacity 容量: 12.8V 12Ah 153.6Wh

Inverter 逆变器: Modified Sine Wave 150W

Input 输入

1. **AC Charging:** 交流充电 18V 3.6A 65W 2.9hours

2. **Car Charging:** 车充 12V 7.5A 90W 2.2Hours

24V 2.7A 65W 2.9Hours

3. **Solar Charging: MPPT:** 10-28V/3.61A 65W 2.9hours

太阳能充电

Output 输出 ACx1: 150W

DCx1: 12V,10A

USB-Ax2: QC18Wx2

Type-Cx1: PD100Wx1

LED Lightx1: Light+SOS+Strobe

Dimensions 尺寸 204*102*188MM

Net Weight 重量 About 1.89KG

Cycle Life 循环寿命 >2000 cycles



Model No 型号: **F300 [300W 288Wh]**

Battery&Inverter 电池和逆变器

Battery Type 电池类型 LiFePO4 batteries磷酸铁锂电池

Capacity 容量 19.2V 15Ah 288Wh

Inverter 逆变器 Pure Sine Wave 300W

Input 输入

1. **AC Charging** 交流充电 24V 5A=120W 2.9hours

2. **Car Charging** 车充 12V 7A 84W 3.9Hours

24V 5A 120W 2.9Hours

3. **Solar Charging: MPPT** 10-28V/7A=120W 2.9hours

太阳能充电

Output 输出 ACx1: 300W

DCx1: 12V,10A

USB-Ax2: QC18Wx2

Type-Cx2: QC18Wx1,PD100Wx1

LED Lightx1: Light+SOS+Strobe

Dimensions 尺寸 215*150*169*235MM

Net Weight 重量 About 3.4KG

Cycle Life 循环寿命 >2000 cycles



Bidirectional Inverter

Model No 型号: **F700 [700W 672Wh]**

Battery&Inverter 电池和逆变器

Battery Type 电池类型 LiFePO4 batteries磷酸铁锂电池

Capacity 容量 22.4V 30Ah 672Wh

Inverter 逆变器 Pure Sine Wave 700W 纯正弦波

Input 输入

1. **AC Charging** 交流充电 AC110/240V 400W 2.18hours

2. **Car Charging** 车充 13V 9A 117W 6.25Hours

24V 8A 192W 4Hours

3. **Solar Charging: MPPT** 10-60V/10A=400W 2.18hours

太阳能充电

Output 输出

ACx1: AC110/240V 700W

DCx1: 13.5V,10A

Cigarette Lighter: 13.5V,10A

USB-Ax2: QC18Wx2

Type-Cx2: PD18W+PD100W

LED Lightx1: Light+SOS+Strobe

Dimensions 尺寸 315*190*220MM

Net Weight 重量 About 9.48KG

Cycle Life 循环寿命 >2000 cycles



Bidirectional Inverter

Model No 型号: **F1200 [1200W 1008Wh]**

Battery&Inverter 电池和逆变器

Battery Type 电池类型 LiFePO4 batteries磷酸铁锂电池

Capacity 容量 22.4V 45Ah 1008Wh

Inverter 逆变器 Modified Sine Wave 1200W

Input 输入

1. **AC Charging** 交流充电 600W 2.18hours

2. **Car Charging** 车充 13V 9A 117W 9.12Hours

24V 8A 192W 5.75Hours

3. **Solar Charging: MPPT** 10-60V/10A=400W 3.02hours

太阳能充电

Output 输出

ACx1: AC110/240V 1200W

DCx1: 13.5V,10A

Cigarette Lighter: 13.5V,10A

USB-Ax2: QC18Wx2

Type-Cx2: PD18W+PD100W

LED Lightx1: Light+SOS+Strobe

Dimensions 尺寸 395*190*220MM

Net Weight 重量 About 13KG

Cycle Life 循环寿命 >2000 cycles



Model No 型号: FC600-4S [600W 576Wh]

Battery&Inverter 电池和逆变器

Battery Type 电池类型	LiFePO4 batteries 磷酸铁锂电池
Capacity 容量	12.8V 45Ah 576Wh
Inverter 逆变器	Pure Sine Wave 600W

Input 输入

1. AC Charging 交流充电	AC110/240V 200W
2. Car Charging 车充	13V 9A 100W Max
3. DC1/DC2: PWM	14.6V 10A
PWM 太阳能充电	24V Max Solar charge

Output 输出

ACx2:	600W
DCx2:	12V 10A 100W Max
Cigarette Lighter:	12V 10A 100W
USB-Ax2:	5V 3A 15W Max
USB-Ax1:	QC3.0 12V 1.5A 18W
Type-Cx1:	PD18W 12V 1.5A
LED Lightx1:	Light+SOS+Strobe

Dimensions 尺寸 270*210*220MM

Net Weight 重量 About 5.6KG

Cycle Life 循环寿命 >2000 cycles



Model No 型号: FC600-6S [600W 576Wh]

Battery&Inverter 电池和逆变器

Battery Type 电池类型	LiFePO4 batteries 磷酸铁锂电池
Capacity 容量	19.2V 30Ah 576Wh
Inverter 逆变器	Pure Sine Wave 600W

Input 输入

1. DC 5521	12~24V 1~5A Adapter
2. DC 5521*2	12~24V 1~5A Adapter
3. Car charge	12~24V 1~5A
4. Type C	PD100W 20V 5A

Output 输出

ACx1:	600W Pure sine wave(110/220V)
DCx2:	12V 10A 120W Max
Cigarette Lighter:	12V 10A 120W
USB :QC3.0	18W 12V 1.5V *2
Type-C:	PD18W 5V3A/9V2A/12V1.5A
Type-C:	PD100W 5V/9V/12V/15V/20V3A
LED Light	

Dimensions 尺寸 270*210*220MM

Net Weight 重量 About 6.5KG

Cycle Life 循环寿命 >2000 cycles



Model No 型号: **FC1200 [1200W 1152Wh]**

Battery&Inverter 电池和逆变器	
Battery Type 电池类型	LiFePO4 batteries 磷酸铁锂电池
Capacity 容量	19.2V 60Ah 1152Wh
Inverter 逆变器	Pure Sine Wave 1200W
Input 输入	
1. DC 5521	12~24V 1~5A Adapter
2. DC 5521*2	12~24V 1~5A Adapter
3. Car charge	12~24V 1~5A
4. XT60	21.9V 20A Quick Charge Adapter
5. Type C	PD100W 20V 5A
Output 输出	
ACx1: 1200W Pure sine wave(110/220V)	
DCx2: 12V 10A 120W Max	
Cigarette Lighter: 12V 10A 120W	
USB x2: QC3.0 18W 12V 1.5V	
Type-C: PD18W 5V3A/9V2A/12V1.5A	
Type-C: PD100W 5V/9V/12V/15V/20V3A	
LED Light, 2 class lighting+SOS	
Dimensions 尺寸	280*245*250MM
Net Weight 重量	About 12KG
Cycle Life 循环寿命	>2000 cycles



Model No 型号: **FC1500 [1500W 1152Wh]**

Battery&Inverter 电池和逆变器	
Battery Type 电池类型	LiFePO4 batteries 磷酸铁锂电池
Capacity 容量	19.2V 60Ah 1152Wh
Inverter 逆变器	Pure Sine Wave 1200W
Input 输入	
1. DC 5521	12~24V 1~5A Adapter
2. DC 5521*2	12~24V 1~5A Adapter
3. Car charge	12~24V 1~5A
4. XT60	21.9V 20A Quick Charge Adapter
5. Type C	PD100W 20V 5A
Output 输出	
ACx1: 1200W Pure sine wave(110/220V)	
DCx2: 12V 10A 120W Max	
Cigarette Lighter: 12V 10A 120W	
USB x2: QC3.0 18W 12V 1.5V	
Type-C: PD18W 5V3A/9V2A/12V1.5A	
Type-C: PD100W 5V/9V/12V/15V/20V3A	
LED Light, 2 class lighting+SOS	
Dimensions 尺寸	280*245*250MM
Net Weight 重量	About 12KG
Cycle Life 循环寿命	>2000 cycles

[12.8V] LiFePO4 Battery Packs

Lithium iron Phosphate Batteries



Model No 型号	F12006
Capacity 容量	6AH
Nominal voltage 标称电压	12.8V
Usable Energy 能量	76.8Wh
Charge current 充电电流	3A (Max)
Discharge current 放电电流	3A
Maximum discharge current 最大放电电流	6A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	0.8 kg
Dimensions 外形尺寸	151x50x95 mm



Model No 型号	F12007
Capacity 容量	7AH
Nominal voltage 标称电压	12.8V
Usable Energy 能量	89.6Wh
Charge current 充电电流	3A (Max)
Discharge current 放电电流	3A
Maximum discharge current 最大放电电流	7A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	0.9 kg
Dimensions 外形尺寸	151x65x95 mm



Model No 型号	F12008
Capacity 容量	8AH
Nominal voltage 标称电压	12.8V
Usable Energy 能量	102.4Wh
Charge current 充电电流	4A (Max)
Discharge current 放电电流	4A
Maximum discharge current 最大放电电流	8A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	0.95 kg
Dimensions 外形尺寸	151x65x95 mm



Model No 型号	F12009
Capacity 容量	9AH
Nominal voltage 标称电压	12.8V
Usable Energy 能量	115.2Wh
Charge current 充电电流	5A (Max)
Discharge current 放电电流	5A
Maximum discharge current 最大放电电流	9A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	0.98 kg
Dimensions 外形尺寸	151x65x95 mm

[12.8V] LiFePO4 Battery Packs

Lithium iron Phosphate Batteries



Model No 型号	F12010
Capacity 容量	10AH
Nominal voltage 标称电压	12.8V
Usable Energy 能量	128Wh
Charge current 充电电流	5A (Max)
Discharge current 放电电流	5A
Maximum discharge current 最大放电电流	10A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	1.05 kg
Dimensions 外形尺寸	151x65x95 mm



Model No 型号	F12012
Capacity 容量	12AH
Nominal voltage 标称电压	12.8V
Usable Energy 能量	153.6Wh
Charge current 充电电流	6A(Max)
Discharge current 放电电流	6A
Maximum discharge current 最大放电电流	12A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	1.4 kg
Dimensions 外形尺寸	151x65x95 mm



Model No 型号	F12018
Capacity 容量	18AH
Nominal voltage 标称电压	12.8V
Usable Energy 能量	230.4Wh
Charge current 充电电流	9A (Max)
Discharge current 放电电流	9A
Maximum discharge current 最大放电电流	18A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	1.98 kg
Dimensions 外形尺寸	181x77x170 mm



Model No 型号	F12024
Capacity 容量	24AH
Nominal voltage 标称电压	12.8V
Usable Energy 能量	307.2Wh
Charge current 充电电流	12A (Max)
Discharge current 放电电流	12A
Maximum discharge current 最大放电电流	24A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	2.75 kg
Dimensions 外形尺寸	181x77x170 mm

[12.8V] LiFePO4 Battery Packs

Lithium iron Phosphate Batteries



Model No 型号	F12050
Capacity 容量	50AH
Nominal voltage 标称电压	12.8V
Usable Energy 能量	640Wh
Charge current 充电电流	25A (Max)
Discharge current 放电电流	25A
Maximum discharge current 最大放电电流	50A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	4.5 kg
Dimensions 外形尺寸	223x135x182 mm



Model No 型号	F12100
Capacity 容量	100AH
Nominal voltage 标称电压	12.8V
Usable Energy 能量	1280Wh
Charge current 充电电流	50A (Max)
Discharge current 放电电流	50A
Maximum discharge current 最大放电电流	100A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	9.5 kg
Dimensions 外形尺寸	330x173x215 mm



Model No 型号	F12200
Capacity 容量	200AH
Nominal voltage 标称电压	12.8V
Usable Energy 能量	2560Wh
Charge current 充电电流	100A (Max)
Discharge current 放电电流	100A
Maximum discharge current 最大放电电流	100A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	19 kg
Dimensions 外形尺寸	522x207x220 mm



Model No 型号	F12300
Capacity 容量	300AH
Nominal voltage 标称电压	12.8V
Usable Energy 能量	3840Wh
Charge current 充电电流	100A (Max)
Discharge current 放电电流	100A
Maximum discharge current 最大放电电流	200A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	25 kg
Dimensions 外形尺寸	522x207x220 mm

[25.6V] LiFePO4 Battery Packs

Lithium iron Phosphate Batteries



Model No 型号	F24050
Capacity 容量	50AH
Nominal voltage 标称电压	25.6V
Usable Energy 能量	1280Wh
Charge current 充电电流	25A (Max)
Discharge current 放电电流	25A
Maximum discharge current 最大放电电流	50A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	9.0 kg
Dimensions 外形尺寸	330x173x215 mm



Model No 型号	F24100
Capacity 容量	100AH
Nominal voltage 标称电压	25.6V
Usable Energy 能量	2560Wh
Charge current 充电电流	50A (Max)
Discharge current 放电电流	50A
Maximum discharge current 最大放电电流	100A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	19.0 kg
Dimensions 外形尺寸	522x240x220 mm



Model No 型号	F24200
Capacity 容量	200AH
Nominal voltage 标称电压	25.6V
Usable Energy 能量	5120Wh
Charge current 充电电流	100A (Max)
Discharge current 放电电流	100A
Maximum discharge current 最大放电电流	100A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	36 kg
Dimensions 外形尺寸	522x270x220 mm



Model No 型号	F24300
Capacity 容量	300AH
Nominal voltage 标称电压	25.6V
Usable Energy 能量	7680Wh
Charge current 充电电流	100A (Max)
Discharge current 放电电流	100A
Maximum discharge current 最大放电电流	200A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	50 kg
Dimensions 外形尺寸	640x245x220 mm

[51.2V] LiFePO4 Battery Packs

Lithium iron Phosphate Batteries



Model No 型号	F48050
Capacity 容量	50AH
Nominal voltage 标称电压	51.2V
Usable Energy 能量	2560Wh
Charge current 充电电流	25A (Max)
Discharge current 放电电流	25A
Maximum discharge current 最大放电电流	50A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	18.5 kg
Dimensions 外形尺寸	522x207x215 mm



Model No 型号	F48100
Capacity 容量	100AH
Nominal voltage 标称电压	51.2V
Usable Energy 能量	5120Wh
Charge current 充电电流	50A (Max)
Discharge current 放电电流	50A
Maximum discharge current 最大放电电流	100A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	39.5 kg
Dimensions 外形尺寸	390x310x290 mm



Model No 型号	F48200
Capacity 容量	200AH
Nominal voltage 标称电压	51.2V
Usable Energy 能量	10240Wh
Charge current 充电电流	100A (Max)
Discharge current 放电电流	100A
Maximum discharge current 最大放电电流	100A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	80 kg
Dimensions 外形尺寸	530x400x290 mm



Model No 型号	F48300
Capacity 容量	300AH
Nominal voltage 标称电压	51.2V
Usable Energy 能量	15360Wh
Charge current 充电电流	100A (Max)
Discharge current 放电电流	100A
Maximum discharge current 最大放电电流	200A
Cycle life 循环寿命	≥2000 cycles
Weight 重量 (约重 Appro. weight)	125 kg
Dimensions 外形尺寸	650x400x280 mm

[11.1V] NCM Lithium ion Battery Packs



Model No 型号	N11007
Nominal voltage 标称电压	11.1V
Capacity 容量	7Ah
Usable Energy 能量	78Wh
Charge current 充电电流	0-4A
Discharge current 放电电流	0-4A
Maximum discharge current 最大放电电流	7A
Cycle life 循环寿命	≥500 cycles
Weight 重量 (约重 Appro. weight)	0.65 kg
Dimensions 外形尺寸	151x50x95 mm



Model No 型号	N11010
Nominal voltage 标称电压	11.1V
Capacity 容量	10Ah
Usable Energy 能量	111Wh
Charge current 充电电流	0-5A
Discharge current 放电电流	0-5A
Maximum discharge current 最大放电电流	10A
Cycle life 循环寿命	≥500 cycles
Weight 重量 (约重 Appro. weight)	0.8 kg
Dimensions 外形尺寸	151x65x95 mm



Model No 型号	N11015
Nominal voltage 标称电压	11.1V
Capacity 容量	15Ah
Usable Energy 能量	166Wh
Charge current 充电电流	0-8A
Discharge current 放电电流	0-8A
Maximum discharge current 最大放电电流	15A
Cycle life 循环寿命	≥500 cycles
Weight 重量 (约重 Appro. weight)	1.1 kg
Dimensions 外形尺寸	151x65x95 mm



Model No 型号	N11020
Nominal voltage 标称电压	11.1V
Capacity 容量	20Ah
Usable Energy 能量	222Wh
Charge current 充电电流	0-10A
Discharge current 放电电流	0-10A
Maximum discharge current 最大放电电流	20A
Cycle life 循环寿命	≥500 cycles
Weight 重量 (约重 Appro. weight)	1.42 kg
Dimensions 外形尺寸	151x99x99 mm