



## LiFePO<sub>4</sub>/AGM/GEL Battery

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# 公司简介

## COMPANY PROFILE

普斯顿成立于2008年,是动力及储能系统蓄电池制造商和供应商,一直以来致力于为国内外市场提供OEM和ODM服务,主要产品为免维护铅酸、凝胶和锂电池(LifePO<sub>4</sub>),广泛应用于储能电站/微电网储能/家庭储能等不同领域。

我们严格把控,提供更坚实售后服务外,更实惠的价格、更好的质量和用户友好的设计使我们得到了来自全球30多个国家和地区的客户的广泛认可。

为了一个更加可持续、明亮、低碳的绿色世界,我们期待与您合作共赢!

PUSTUN was founded in 2008, is a leading storage energy system battery manufacturer and supplier, has been committed to providing OEM and ODM services for domestic and foreign markets, the main products are maintenance-free Lead-acid, Gel and Lithium batteries (LifePO<sub>4</sub>), Widely used in Energy storage power station/Microgrid energy storage/Home energy storage and other different fields.

For our strict quality control, we provide reliable after-sales service, affordable price, better quality and user-friendly design. Also we have got widely recognized by customer from more than 30 countries of the world.

We look forward to working with you for a more sustainable, bright and Low-carbon green world!



# 资质认证

## Qualification Certification

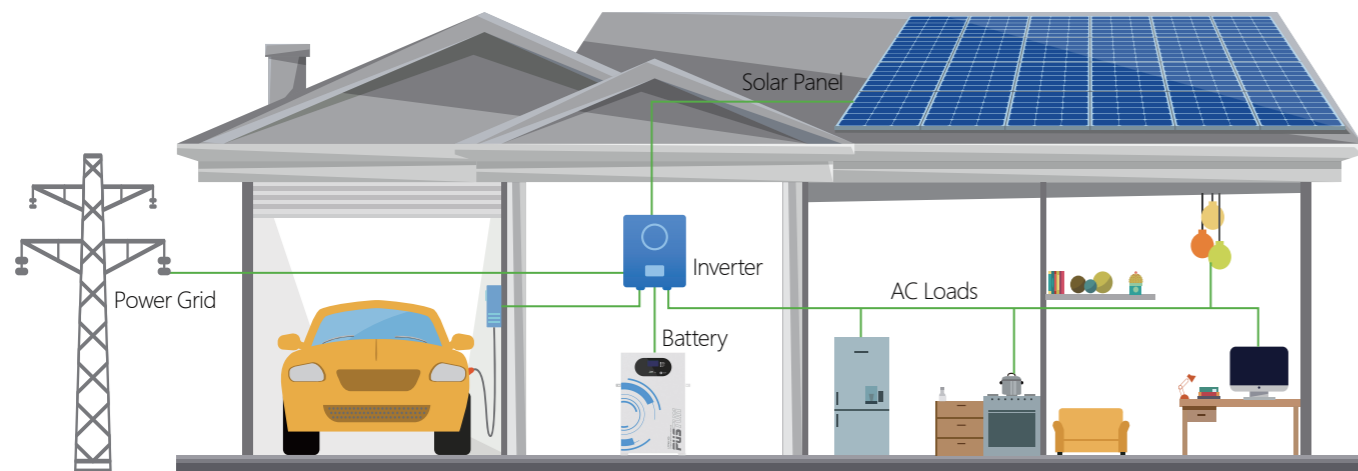
The grid contains the following certifications and reports:

- UN38.3 Test Report** (UN38.3 测试报告)
- Material Safety Data Sheet** (材料安全数据表)
- Certification for Safe Transport of Goods by Sea** (货物海运条件鉴定报告书)
- Material Safety Data Sheet (MSDS)** (安全技术说明书)
- Identification of Dangerous Goods** (运输危险性鉴别报告书)
- Verification of Conformity** (Verification of Conformity)
- Certificate of Compliance** (Certificate of Compliance)
- CERTIFICATION of Conformity** (CERTIFICATION of Conformity)
- TEST REPORT** (TEST REPORT)
- Test Report** (Test Report)
- 检验检测报告** (Test Report)
- ISO 9001** (The Certificate of Quality Management System)
- ISO 45001** (Occupational Health and Safety Management System Certificate)
- ISO 14001** (The Certificate of Environmental Management System)
- 产品认证证书** (Certificate for Product Certification)
- 国家知识产权局 专利登记簿副本** (National Intellectual Property Administration Patent Register Copy) - 5 copies

# 家用储能系列

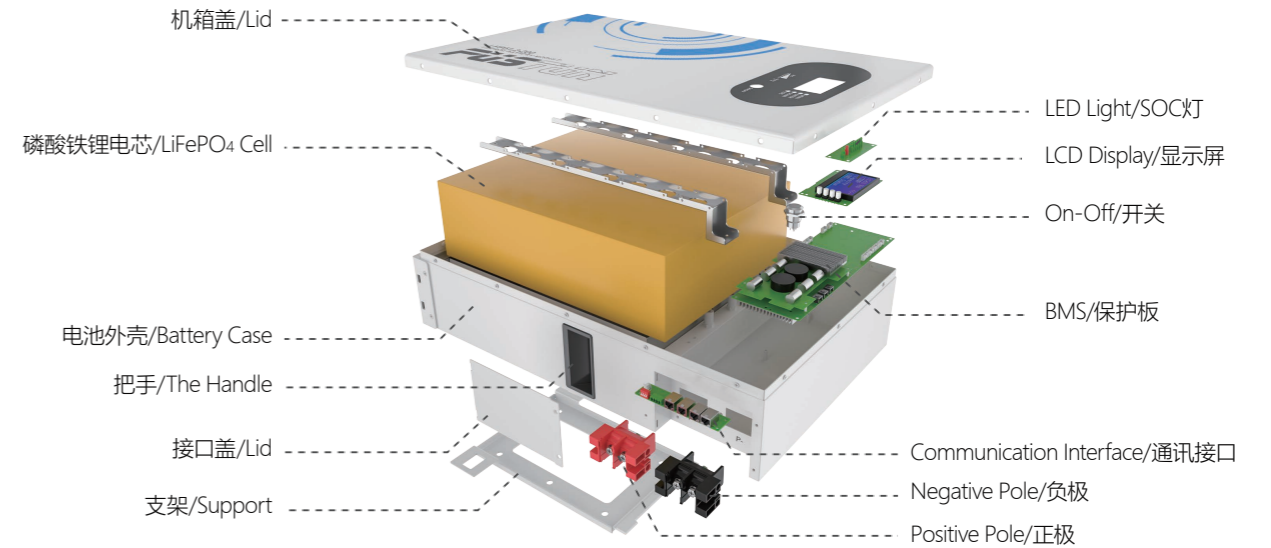
## Home Energy Storage Series

Supports parallel up to 16pcs.  
Compatible with multiple inverter brand.  
Wall mounted / Floorable installation type.  
Customization available.



### 电池结构图

#### Battery Structure Diagram



- Bluetooth Connection
- Short Circuit Protection
- Temperature Protection
- Charging Overvoltage Protection
- Discharge Undervoltage Protection
- OC/OD Protection



光伏储能/Photovoltaic Energy Storage



家庭储能/Household Electricity



UPS备用电源/UPS Backup Power



通信设备/Communication Equipment



应急电力系统/Emergency Power System



医疗机械/Medical Machinery



参数 Parameters	型号 Model	LFP25.6-200	LFP48-100	LFP48-200	LFP51.2-100
可用电量 Available electricity		5.12kWh	4.8kWh	9.6kWh	5.12kWh
额定容量 Rated capacity		200Ah	100Ah	200Ah	100Ah
组合模式 Combination mode		8S1P	15S1P	15S1P	16S1P
BMS配置 BMS Configuration		8S200A	15S100A	15S200A	16S100A
额定电压 Rated voltage		25.6V	48V		51.2V
工作电压范围 Operating voltage range		20.8V~29.2V	39V~54.75V		41.6V~58.4V
充放电电流 Charge and discharge current		100A	50A	100A	50A
峰值电流 Peak current		200A Continue @250A 500ms	100A Continue @130A 500ms	200A Continue @250A 500ms	100A Continue @130A 500ms
充放电功率 Charge and discharge power		2.56kW	2.4kW	4.8kW	2.56kW
峰值功率 Peak power		5.12kW Continue @6.4kW 500ms	4.8kW Continue @6.24kW 500ms	9.6kW Continue @12kW 500ms	5.12kW Continue @6.656kW 500ms
短路电流 Short-Circuit current		0.427Ka@100us	0.45Ka@100us	0.671Ka@100us	0.377Ka@100us
重量 Weight		48±3%Kg	47±3%Kg	75±3%Kg	49±3%Kg
尺寸(L*W*H) Dimensions(L*W*H) mm		620*205*285	425*145*675	410*240*640	425*145*675
出线方式 Power cable outlet mode		Flank	Upper	Upper	Upper
循环寿命 Cycle life		≥6000 Cycle, 80%DOD, 25°C			
通讯方式 Communication mode		CAN, RS485, RS232			
并联 Parallel number		Recommend 6 in parallel (Maximum support 16 in parallel)			
远程数据 Remote data		Bluetooth / WiFi (Optional)			
工作温度 Operating temperature		Charging: 0°C~+50°C / Discharge: -20°C~+60°C			
相对湿度 Relative humidity		0~95%			
储存温度 Storage temperature		< 3 Months -10°C~25°C / < 1 Year 0°C~25°C			
支持逆变器品牌 Supports inverter brands		SMA/Growatt/TBB/Deye/GOODWE/Huawei/Schneider/Victor energy/SOFAR/INVT			
安装模式 Installation mode		Wall hanging / Floor mounting			
防护等级 Class of protection		IP20			
标准及认证 Standards and certification		MSDS UN38.3			

\*1: 测试条件, 电芯电压2.6V~3.65V, 新电池在+25±2°C 0.5C 情况下充放电, 可用功率可能因逆变器而异;

\*2: 额定充放电电流、功率会因温度和SOC而变化。

\*1: Test conditions, cell voltage 2.6V~3.65V, the new battery at +25±2°C 0.5C charging and discharging, available power may vary depending on the inverter;

\*2: Rated charge and discharge current and power will change due to temperature and SOC.

\*Please note that all specifications are changed without notice.



参数 Parameters	型号 Model	LFP51.2-200	LFP51.2-300	LFP51.2-300	LFP51.2-400
可用电量 Available electricity		10.24kWh	15.36kWh	15.36kWh	20.48kWh
额定容量 Rated capacity		200Ah	300Ah	300Ah	400Ah
组合模式 Combination mode		16S1P	16S1P	16S1P	16S2P
BMS配置 BMS Configuration		16S200A	16S200A	16S200A	16S200A
额定电压 Rated voltage		51.2V			
工作电压范围 Operating voltage range		41.6V~58.4V			
充放电电流 Charge and discharge current		100A	150A	150A	200A
峰值电流 Peak current		200A Continue @250A 500ms	200A Continue @250A 500ms	200A Continue @250A 500ms	200A Continue @250A 500ms
充放电功率 Charge and discharge power		5.12kW	7.68kW	7.68kW	10.24kW
峰值功率 Peak power		10.24kW Continue @12.8kW 500ms	10.24kW Continue @12.8kW 500ms	10.24kW Continue @12.8kW 500ms	10.24kW Continue @12.8kW 500ms
短路电流 Short-Circuit current		0.6Ka@100us	0.762Ka@100us	0.762Ka@100us	0.8Ka@100us
重量 Weight		84±3%Kg	125±3%Kg	120±3%Kg	190±3%Kg
尺寸(L*W*H) Dimensions(L*W*H) mm		410*240*640	550*270*825	720*260*580	585*280*1120
出线方式 Power cable outlet mode		Upper	Flank	Behind	Flank
循环寿命 Cycle life		≥6000 Cycle, 80%DOD, 25°C			
通讯方式 Communication mode		CAN, RS485, RS232			
并联 Parallel number		Recommend 6 in parallel (Maximum support 16 in parallel)			
远程数据 Remote data		Bluetooth / WiFi (Optional)			
工作温度 Operating temperature		Charging: 0°C~+50°C / Discharge: -20°C~+60°C			
相对湿度 Relative humidity		0~95%			
储存温度 Storage temperature		< 3 Months -10°C~25°C / < 1 Year 0°C~25°C			
支持逆变器品牌 Supports inverter brands		SMA/Growatt/TBB/Deye/GOODWE/Huawei/Schneider/Victor energy/SOFAR/INVT			
安装模式 Installation mode		Wall hanging / Floor mounting		Floor mounting	
防护等级 Class of protection		IP20			
标准及认证 Standards and certification		MSDS UN38.3			

\*1: 测试条件, 电芯电压2.6V~3.65V, 新电池在+25±2°C 0.5C 情况下充放电, 可用功率可能因逆变器而异;

\*2: 额定充放电电流、功率会因温度和SOC而变化。

\*1: Test conditions, cell voltage 2.6V~3.65V, the new battery at +25±2°C 0.5C charging and discharging, available power may vary depending on the inverter;

\*2: Rated charge and discharge current and power will change due to temperature and SOC.

\*Please note that all specifications are changed without notice.

# 机架系列

## Rack Mounted Series

The maximum series support voltage 1000V.  
The control box supports maximum 200A continuous charging and discharging current.  
Wide range of applications: Household energy storage, Peak cutting and valley filling, Industrial energy storage, Backup power supply, etc.



## 高压堆叠储能: 512V100Ah

High Voltage Stack Energy Storage: 512V100Ah

技术参数 Technical parameter	电芯 Cell	单箱 Single	单簇 Entirety box
额定电压 Rated voltage	3.2V	64V	512V
额定容量 Rated capacity	100Ah	100Ah	100Ah
可用电量 Available electricity	0.32kWh	6.4kWh	51.2kWh
数量 Quantity	1	1	8
电芯类型 Cell type		LiFePO <sub>4</sub>	
组合模式 Combination mode	1S1P	20S1P	160S1P
工作电压范围 Operating voltage range	2.5V~3.65V	52V~73V	416V~584V
额定充放电功率 Rated charging and discharging power	0.16kW	3.2kW	25.6kW
额定充放电电流 Rated charge and discharge current		50A	
峰值电流 Peak current		100A Continue @130A 5s	
峰值功率 Peak power	0.32kW @0.416kW	6.4kW @8.32kW 5s	51.2kW @66.56kW 5s
重量 Weight	2Kg	58Kg	490Kg
尺寸 (L*W*H) Dimensions (L*W*H) mm	174*49*121	624*446*243	624*446*1644
通讯方式 Communication mode		CAN2.0/RS485	
人机交互 Human-Computer interaction		7 Inch HMI	
串并联 Series-Parallel	Series range: 4*64~11*64; Recommend 5 in parallel (Max support 10 in parallel)		
安装模式 Installation mode		Floor mounting	
散热方式 Heat dissipation mode		Natural cooling	
工作温度 Operating temperature	Charging: 0°C~+55°C / Discharge: -10°C~+60°C		

\*Please note that all specifications are changed without notice.



型号 Model	LFP25.6-200	LFP48-200	LFP51.2-100	LFP51.2-200
可用电量 Available electricity	5.12kWh	9.6kWh	5.12kWh	10.24kWh
额定容量 Rated capacity	200Ah	200Ah	100Ah	200Ah
组合模式 Combination mode	8S1P	15S1P	16S1P	16S1P
BMS配置 BMS Configuration	8S150A	15S200A	16S100A	16S200A
额定电压 Rated voltage	25.6V	48V	51.2V	
工作电压范围 Operating voltage range	20.8V~29.2V	39V~54.75V	41.6V~58.4V	
充放电电流 Charge and discharge current	100A	100A	50A	100A
峰值电流 Peak current	150A Continue @160A 500ms	200A Continue @240A 500ms	100A Continue @130A 500ms	200A Continue @240A 500ms
充放电功率 Charge and discharge power	2.56kW	4.8kW	2.56kW	5.12kW
峰值功率 Peak power	3.84kW Continue @4.096kW 500ms	9.6kW Continue @11.52kW 500ms	5.12kW Continue @6.65kW 500ms	10.24kW Continue @12.8kW 500ms
短路电流 Short-Circuit current	0.6Ka@100us	0.377Ka@100us	0.42Ka@100us	0.581Ka@100us
重量 Weight	42±3%Kg	79±3%Kg	45±3%Kg	84±3%Kg
尺寸 (L*W*H) Dimensions (L*W*H) mm	482*510*155	482*500*266	482*510*155	482*500*266
出线方式 Power cable outlet mode	Front			
循环寿命 Cycle life	≥6000 Cycle, 80%DOD, 25°C			
通讯方式 Communication mode	CAN, RS485, RS232			
并联 Parallel number	Recommend 6 in parallel (Maximum support 16 in parallel)			
远程数据 Remote data	Bluetooth / WiFi (Optional)			
工作温度 Operating temperature	Charging: 0°C~+50°C / Discharge: -20°C~+60°C			
相对湿度 Relative humidity	0~95%			
储存温度 Storage temperature	< 3 Months -10°C~25°C / < 1 Year 0°C~25°C			
支持逆变器品牌 Supports inverter brands	SMA/Growatt/TBB/Deye/GOODWE/Huawei/Schneider/Victor energy/SOFAR/INVT			
安装模式 Installation mode	Floor mounting			
防护等级 Class of protection	IP20			
标准及认证 Standards and certification	MSDS UN38.3			

\*1: 测试条件, 电芯电压2.6V~3.65V, 新电池在+25±2°C 0.5C 情况下充放电, 可用功率可能因逆变器而异;

\*2: 额定充放电电流、功率会因温度和SOC而变化。

\*1: Test conditions, cell voltage 2.6V~3.65V, the new battery at +25±2°C 0.5C charging and discharging, available power may vary depending on the inverter;

\*2: Rated charge and discharge current and power will change due to temperature and SOC.

\*Please note that all specifications are changed without notice.

# ESS集成储能系统

## Integrated Energy Storage System

Stacked design, easy for installation.  
LCD display with operation configuration and convenient buttons.  
Single phase solar and storage combined.  
Built-in BMS system to protect battery.  
With sleep mode, wake up at any time.



EM3.5kW/5.27kWh      EM5.5kW/5.12kWh      EM5.5kW/10.24kWh      EM5.5kW/15.36kWh



电池参数 Battery parameter	技术参数/Technical parameter		
	EM5.5kW-5.12kWh	EM5.5kW-10.24kWh	
额定容量/Rated capacity	100Ah	200Ah	
电池组/Number of battery modules	1	2	
额定电压/Rated voltage	51.2V	51.2V	
工作电压范围/Operating voltage range	41.6V~58.4V	41.6V~58.4V	
额定电流/Rated current	50A	100A	
峰值电流/Peak current	100A Continue@110A 30s	200A Continue@210A 30s	
逆变器输入参数 Inverter input parameter	额定电压/Nominal voltage		
	230Vac		
	交流输入电压范围/Acceptable voltage range		
170-280Vac(For personal computer); 90-280Vac(For home appliances)			
频率/Frequency		50/60Hz(Auto sensing)	
逆变器输出参数 Inverter output parameter	额定电压/Nominal voltage		
	220/230Vac±5%		
	额定功率/Rated power	5.5kW	
	峰值功率/Peak power	11kW	
过载保护/Overload protection		5s@>=150%Load ; 10s@110%~150%Load	
太阳能充电器 和交流充电器 Solar charger & AC Charger	光伏最大功率/Max.PV array power		
	5500W		
	光伏最大开路电压/Max.PV array open circuit voltage		
	500Vdc		
	光伏输入电压范围/PV array MPPT voltage range		
	60Vdc 500Vdc		
光伏最大输入电流/Max.solar input current		18A	
光伏最大充电电流/Max.solar charge current		100A	
AC最大充电电流/Max.AC charge current		80A	
(PV+AC)最大充电电流/Max.charge current (PV+AC)		100A	
其他参数 Other parameter	尺寸/Size (L*W*H) mm	570*220*867mm	570*220*1260mm
	重量/Weight	65±3%Kg	113±3%Kg
	通讯方式/Communication mode	CAN/RS485	

\*Please note that all specifications are changed without notice.

电池参数 Battery parameter	技术参数/Technical parameter		
	EM3.5kW-5.27kWh	EM5.5kW-10.24kWh	
额定容量/Rated capacity	206Ah	200Ah	
电池组/Number of battery modules	1	1	
电芯类型/Cell type	LiFePO4	LiFePO4	
额定电压/Rated voltage	25.6V	51.2V	
工作电压范围/Operating voltage range	20.8V~29.2V	41.6V~58.4V	
额定电流/Rated current	50A	100A	
峰值电流/Peak current	150A Continue@160A 10s	200A Continue@210A 30s	
额定功率/Rated power	1.28kW	5.12kW	
峰值功率/Peak power	3.84kW Continue@4.096kW 10s	10.24kW Continue@10.752kW 30s	
逆变器输入参数 Inverter input parameter	额定电压/Nominal voltage		
	230Vac		
	交流输入电压范围/Acceptable voltage range		
170-280Vac(For personal computer); 90-280Vac(For home appliances)			
频率/Frequency		50/60Hz(Auto sensing)	
逆变器输出参数 Inverter output parameter	额定电压/Nominal voltage		
	220/230Vac±5%		
	额定功率/Rated power	3.5kW	5.5kW
	峰值功率/Peak power	7kW	11kW
	光伏转换效率/Peak efficiency (PV to INV)	96%	
	电池转换效率/Peak efficiency (Battery to INV)	93%	
过载保护/Overload protection		5s@>=150%Load ; 10s@110%~150%Load	
太阳能充电器 和交流充电器 Solar charger & AC Charger	光伏最大功率/Max.PV array power		
	4000W		
	光伏最大开路电压/Max.PV array open circuit voltage		
	500Vdc		
	光伏输入电压范围/PV array MPPT voltage range		
	60Vdc 500Vdc		
光伏最大输入电流/Max.solar input current		15A	18A
光伏最大充电电流/Max.solar charge current		100A	100A
AC最大充电电流/Max.AC charge current		80A	80A
(PV+AC)最大充电电流/Max.charge current (PV+AC)		100A	100A
其他参数 Other parameter	尺寸/Size (L*W*H) mm	400*240*650mm	430*250*950mm
	重量/Weight	54±3%Kg	104±3%Kg
	工作温度/Operating temperature		
	Charge : 0°C~+55°C / Discharge : -10°C~+60°C		
	相对湿度/Relative humidity		
	0~95%		
	储存温度/Storage temperature		
	<3 Months -10°C~25°C / <1 Year 0°C~25°C		
	海拔高度/Maximum working altitude		
	2000m		
	防护等级/Class of protection		
IP20			
安装模式/Installation mode			
Floor mounting			
电源线出线方式/Power cable outlet mode			
Flank			
通讯方式/Communication mode			
(Selectable) CAN/RS485			
远程数据/Remote data			
(Selectable) WiFi / Bluetooth			

\*Please note that all specifications are changed without notice.

# 铅改锂系列

## Lithium Replaced Series

High density, small size and weight.  
With ABS case to replace lead acid battery.  
Higher power: two times power of lead acid battery,  
even high discharge rate, while maintaining high energy capacity.  
Configurable Bluetooth, LCD.  
Wider temperature range: -20°C~60°C.



型号 Model	LFP12.8-100	LFP12.8-200	LFP25.6-100	LFP25.6-200
<b>参数 Parameters</b>				
可用电量 Available electricity	1.28kWh	2.56kWh	2.56kWh	5.12kWh
额定容量 Rated capacity	100Ah	200Ah	100Ah	200Ah
额定电压 Rated voltage	12.8V		25.6V	
工作电压范围 Operating voltage range	10V~14.6V		20V~29.2V	
充放电电流 Charge and discharge current	50A	100A	50A	100A
峰值电流 Peak current	100A Continue @110A 10s	200A Continue @ 300A 0.16s	100A Continue @220A 0.1s	200A Continue @240A 0.1s
充放电功率 Charge and discharge power	0.64kW	1.28kW	1.28kW	2.56kW
峰值功率 Peak power	1.28kW Continue @1.408kW 10s	2.56kW Continue @3.84kW 0.16s	2.56kW Continue @5.632kW 0.1s	5.12kW Continue @6.144kW 0.1s
重量 Weight	11±3%Kg	20±3%Kg	20±3%Kg	40±3%Kg
尺寸 (L*W*H) Dimensions (L*W*H) mm	330*170*221 275*183*170 320*200*160	521*268*222 365*215*165 320*225*260	521*241*222 365*215*165	522*238*210 521*268*222 435*230*260
循环寿命 Cycle life	≥6000 Cycle, 80%DOD, 25°C			
串并联 Series-Parallel	Support 4 string 4 parallel			
选择性配置 Selective configuration	Bluetooth, LCD (Optional)			
工作温度 Operating temperature	Charging: 0°C~+50°C / Discharge: -20°C~+60°C			
储存温度 Storage temperature	< 3 Months -10°C~25°C / < 1 Year 0°C~25°C			
防护等级 Class of protection	IP65 / IP20			
标准及认证 Standards and certification	MSDS UN38.3			

\*1: 测试条件, 电芯电压2.5V~3.65V, 新电池在+25±2°C 0.5C 情况下充放电, 可用功率可能因逆变器而异;  
\*2: 额定充放电电流, 功率会因温度和SOC而变化。

\*1: Test conditions, cell voltage 2.6V~3.65V, the new battery at +25±2°C 0.5C charging and discharging, available power may vary depending on the inverter;  
\*2: Rated charge and discharge current and power will change due to temperature and SOC.

\*Please note that all specifications are changed without notice.

# 动力锂电系列

## LiFePO<sub>4</sub> Power Battery Series

Easy to install.  
Real-time monitoring of battery data.  
Support fast charge.  
Acceptable customization.  
Wide range of applications: Golf cart, Electric tricycle,  
Electric forklift truck, Multi-functional electric food truck, Sightseeing bus.



型号 Model	LFP73.6-100	LFP73.6-200
<b>参数 Parameters</b>		
可用电量 Available electricity	7.36kWh	14.72kWh
额定容量 Rated capacity	100Ah	200Ah
组合模式 Combination mode	23S1P	23S1P
BMS配置 BMS Configuration	23S100A	23S200A
额定电压 Rated voltage	73.6V	73.6V
工作电压范围 Operating voltage range	62.1V~83.95V	62.1V~83.95V
充放电电流 Charge and discharge current	50A	100A
峰值电流 Peak current	100A Continue @200A 10s	200A Continue @300A 10s
充放电功率 Charge and discharge power	3.68kW	7.36kW
峰值功率 Peak power	7.36kW Continue @14.72kW 10s	14.72kW Continue @22.08kW 10s
短路电流 Short-Circuit current	0.35Ka@100us	0.6Ka@100us
重量 Weight	70±3%Kg	121±3%Kg
尺寸 (L*W*H) Dimensions (L*W*H) mm	1150*330*180	1150*330*245
其他配置 Other configuration	Electromotor	
循环寿命 Cycle life	≥6000 Cycle, 80%DOD, 25°C	
通讯方式 Communication mode	CAN, RS485	
远程数据 Remote data	4G Module (Optional)	
工作温度 Operating temperature	Charging: 0°C~+50°C / Discharge: -20°C~+60°C	
相对湿度 Relative humidity	0~95%	
安装模式 Installation mode	Fixed on the frame	

\*1: 测试条件, 电芯电压2.7V~3.65V, 新电池在+25±2°C 0.5C情况下充放电, 可用功率可能因电机而异;  
\*2: 额定充放电电流、功率会因温度和SOC而变化。

\*1: Test conditions, cell voltage 2.7V~3.65V, the new battery at +25±2°C 0.5C charging and discharging, available power may vary by motor;  
\*2: Rated charge and discharge current and power will change due to temperature and SOC.

\*Please note that all specifications are changed without notice.

# 阀控式铅酸蓄电池

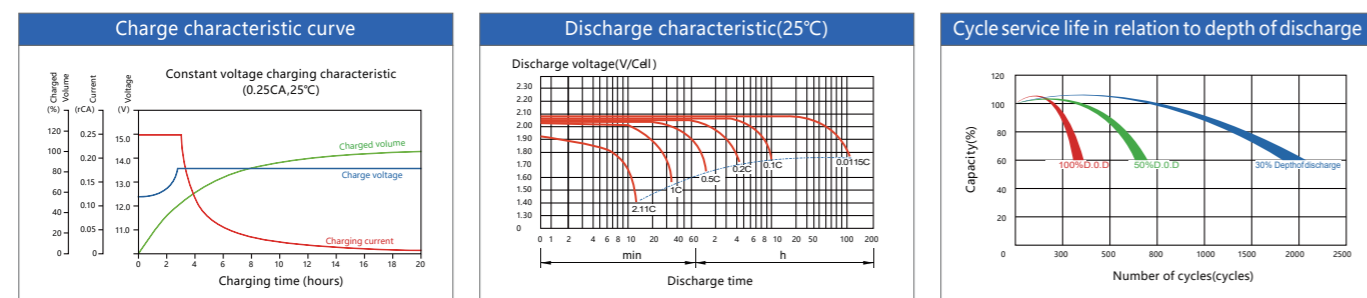
## Valve Regulated Lead-Acid Battery



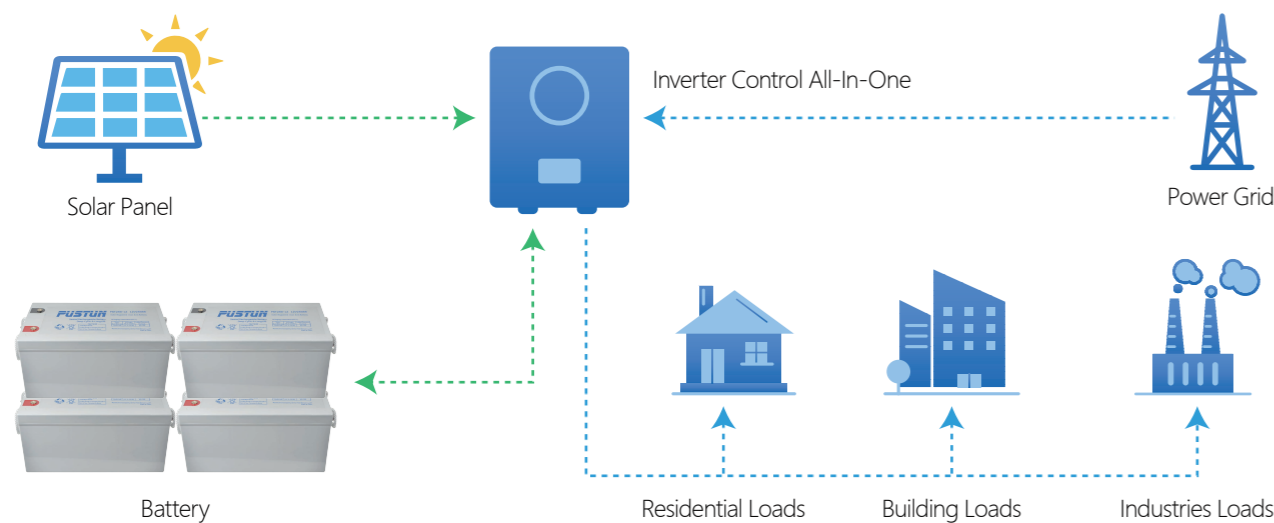
# 铅酸系列2V/6V

## Lead Acid Series 2V/6V

Maintenance free, with ABS flame retardant plastic.  
Stable performance with good heat dissipation.  
Unique sealing technology protect acid creeping.  
PbCa grids minimize corrosion and prolong lifespan.  
Strong corrosion resistance, wide range operating temperature.



Model	Voltage	Capacity	Weight	Long		Wide		High		Total Height		Terminal
	V	Ah	Kg	mm	inch	mm	inch	mm	inch	mm	inch	
PST50-2	2	50	2.90	160	6.3	49	1.93	166	6.54	176	6.93	M8
PST100-2	2	100	4.67	171	6.73	72	2.83	205	8.07	225	8.86	M8
PST150-2	2	150	7.45	172	6.77	102	4.02	207	8.15	231	9.09	M8
PST200-2	2	200	11.4	171	6.73	110	4.33	325	12.8	365	14.37	M8
PST300-2	2	300	16.2	170	6.69	150	5.91	355	13.98	365	14.37	M8
PST400-2	2	400	22.5	210	8.27	171	6.73	353	13.9	365	14.37	M8
PST500-2	2	500	26.3	241	9.49	172	6.77	354	13.94	365	14.37	M8
PST600-2	2	600	31.98	301	11.85	175	6.89	355	13.98	365	14.37	M8
PST800-2	2	800	44.5	410	16.14	175	6.89	354	13.94	365	14.37	M8
PST1000-2	2	1000	52.5	475	18.70	175	6.89	351	13.82	365	14.37	M8
PST1200-2	2	1200	56.0	475	18.70	175	6.89	351	13.82	365	14.37	M8
PST1500-2	2	1500	85.55	400	15.75	350	13.78	344	13.54	382	15.04	M8
PST1800-2	2	1800	92.0	400	15.75	350	13.78	344	13.54	382	15.04	M8
PST2000-2	2	2000	128	490	19.29	350	13.78	344	13.54	382	15.04	M8
PST2500-2	2	2500	165	710	27.95	352	13.86	344	13.54	382	15.04	M8
PST3000-2	2	3000	195	710	27.95	352	13.86	344	13.54	382	15.04	M8



Model	Voltage	Capacity	Weight	Long		Wide		High		Total Height		Terminal
	V	Ah	Kg	mm	inch	mm	inch	mm	inch	mm	inch	
PST1.2-6	6	1.2	0.3	97	3.82	24	0.94	52	2.05	58	2.28	T1
PST4-6	6	4	0.66	70	2.76	47	1.85	101	3.98	107	4.21	T2
PST7-6	6	7	1.10	151	5.94	34	1.34	94	3.70	100	3.94	T2
PST12-6	6	12	1.81	151	5.94	50	1.97	94	3.70	100	3.94	T2
PST80-6	6	80	16.5	195	7.68	170	6.69	208	8.19	212	8.35	M8
PST150-6	6	150	26.8	306	12.05	168	6.61	220	8.66	226	8.90	M8
PST180-6	6	180	29.0	306	12.05	168	6.61	220	8.66	226	8.90	M8
PST200-6	6	200	30.5	322	12.68	178	7.01	227	8.94	230	9.06	M8
PST225-6	6	225	34.5	322	12.68	178	7.01	227	8.94	230	9.06	M8

\*Please note that all specifications are changed without notice.

# 铅酸系列12V

## Lead Acid Series 12V

Maintenance free, no need to add any electrolyte.  
With ABS flame retardant plastic.  
Stable performance with good heat dissipation.  
PbCa grids minimize corrosion and prolong life.  
Strong corrosion resistance, wide range operating temperature.



# 胶体系列

## GEL Series

Long service life, can be floated or recycled.  
Excellent deep cycle performance and deep discharge recovery capability.  
Low rate of loss of coolant, only half of adsorption batteries.  
Maintenance free, no need to add any electrolyte.  
Minor self discharge.



Model	Voltage	Capacity	Weight	Long		Wide		High		Total Height		Terminal
	V	Ah	Kg	mm	inch	mm	inch	mm	inch	mm	inch	
PST2.3-12	12	2.3	0.91	178	7.01	34	1.34	60	2.36	66	2.60	T1
PST2.9-12	12	2.9	1.05	132	5.20	33	1.30	96	3.78	100	3.94	T1
PST4-12	12	4	1.33	90	3.54	70	2.76	101	3.98	106	4.17	T2
PST7-12	12	7	2.04	151	5.94	65	2.56	94	3.70	100	3.94	T2
PST9-12	12	9	2.50	151	5.94	65	2.56	94	3.70	100	3.94	T2
PST18-12	12	18	5.05	181	7.13	77	3.03	167	6.57	167	6.57	M6
PST20-12	12	20	5.50	181	7.13	77	3.03	167	6.57	167	6.57	M6
PST24-12	12	24	7.8	166	6.54	125	4.92	174	6.85	174	6.85	M6
PST28-12	12	28	8.0	166	6.54	125	4.92	174	6.85	174	6.85	M6
PST33-12	12	33	10.0	196	7.72	131	5.16	155	6.10	170	6.69	M6
PST38-12	12	38	11.2	197	7.76	166	6.54	174	6.85	174	6.85	M6
PST40-12	12	40	11.7	197	7.76	166	6.54	174	6.85	174	6.85	M6
PST42-12	12	42	12.0	197	7.76	166	6.54	174	6.85	174	6.85	M6
PST50-12	12	50	15.5	230	9.06	138	5.44	206	8.11	209	8.23	M8
PST55-12	12	55	15.7	230	9.06	138	5.44	206	8.11	209	8.23	M8
PST60-12	12	60	17.85	350	13.78	166	6.54	174	6.85	174	6.85	M6
PST65-12	12	65	18.50	350	13.78	166	6.54	174	6.85	174	6.85	M6
PST70-12	12	70	20.85	260	10.24	169	6.65	211	8.31	215	8.46	M8
PST75-12	12	75	22.55	260	10.24	169	6.65	211	8.31	215	8.46	M8
PST80-12	12	80	26.0	260	10.24	169	6.65	211	8.31	215	8.46	M8
PST90-12	12	90	26.0	307	12.09	169	6.65	211	8.31	215	8.46	M8
PST100-12	12	100	26.0	331	13.03	173	6.81	220	8.66	220	8.66	M8
PST100-12	12	100	27.5	331	13.03	173	6.81	220	8.66	220	8.66	M8
PST100-12	12	100	28.2	407	16.02	174	6.85	209	8.23	233	9.17	M8
PST100-12	12	100	31.35	407	16.02	174	6.85	209	8.23	233	9.17	M8
PST120-12	12	120	33.5	407	16.02	174	6.85	209	8.23	233	9.17	M8
PST150-12	12	150	38.1	484	19.06	171	6.73	241	9.49	241	9.49	M8
PST200-12	12	200	59.5	520	20.47	240	9.45	218	8.58	222	8.74	M8
PST250-12	12	250	68.8	520	20.47	268	10.55	220	8.66	224	8.82	M8
PST260-12	12	260	71.5	520	20.47	268	10.55	220	8.66	224	8.82	M8

Model	Voltage	Capacity	Weight	Long		Wide		High		Total Height		Terminal
	V	Ah	Kg	mm	inch	mm	inch	mm	inch	mm	inch	
PTG18-12	12	18	5.4	181	7.13	77	3.03	167	6.57	167	6.57	M6
PTG24-12	12	24	7.6	166	6.54	125	4.92	174	6.85	174	6.85	M6
PTG33-12	12	33	10	196	7.72	131	5.16	155	6.10	170	6.69	M6
PTG38-12	12	38	12	197	7.76	166	6.54	174	6.85	174	6.85	M6
PTG42-12	12	42	12	197	7.76	166	6.54	174	6.85	174	6.85	M6
PTG50-12	12	50	15.5	350	13.78	166	6.54	174	6.85	174	6.85	M6
PTG50-12	12	50	15.5	230	9.06	138	5.44	206	8.11	209	8.23	M8
PTG55-12	12	55	15.5	230	9.06	138	5.44	206	8.11	209	8.23	M8
PTG65-12	12	65	19.5	350	13.78	166	6.54	174	6.85	174	6.85	M6
PTG70-12	12	70	21	260	10.24	169	6.65	211	8.31	215	8.46	M8
PTG80-12	12	80	22.5	260	10.24	169	6.65	211	8.31	215	8.46	M8
PTG90-12	12	90	26	331	13.03	173	6.81	220	8.66	220	8.66	M8
PTG100-12	12	100	27.5	331	13.03	173	6.81	220	8.66	220	8.66	M8
PTG100-12	12	100	29	331	13.03	173	6.81	220	8.66	220	8.66	M8
PTG100-12	12	100	29	407	16.02	174	6.85	209	8.23	233	9.17	M8
PTG100-12	12	100	31	407	16.02	174	6.85	209	8.23	233	9.17	M8
PTG120-12	12	120	34.5	407	16.02	174	6.85	209	8.23	233	9.17	M8
PTG150-12	12	150	42	484	19.06	171	6.73	241	9.49	241	9.49	M8
PTG200-12	12	200	60	520	20.47	240	9.45	218	8.58	222	8.74	M8
PTG250-12	12	250	70	520	20.47	268	10.55	220	8.66	224	8.82	M8

\*Please note that all specifications are changed without notice.

## 前置端子系列 Front Terminal Series

Minor self discharge.  
Can be mounted in any orientation.  
Maintenance free, no need to add any electrolyte.  
Computer designed lead/calcium tin alloy grid for high power density.  
Long service life, can be floated or recycled.



## OPzV系列 OPzV Series

The battery has a long service life, under float charging, ambient temperature 25°C, it can operate 15-20 years.  
Excellent Recovery from deep discharge and good deep discharge cycle capability.  
The battery has a low self-discharge, keep over 60% of the rated capacity after 2 years stored under 25°C.  
High reliability and quality.



Model	Voltage	Capacity	Weight	Long		Wide		High		Total Height		Terminal
	V	Ah	Kg	mm	inch	mm	inch	mm	inch	mm	inch	
PFT50-12	12	50	17.0	277	10.91	106	4.17	222	8.74	229	9.02	M8
PFT50-12	12	50	17.0	290	11.42	106	4.17	231	9.09	231	9.09	M8
PFT55-12	12	55	17.5	277	10.91	106	4.17	222	8.74	229	9.02	M8
PFT60-12	12	60	19.0	290	11.42	106	4.17	231	9.09	231	9.09	M8
PFT70-12	12	70	25.0	561	22.09	115	4.53	187	7.36	187	7.36	M8
PFT75-12	12	75	25.5	561	22.09	115	4.53	187	7.36	187	7.36	M8
PFT80-12	12	80	26.0	561	22.09	115	4.53	187	7.36	187	7.36	M8
PFT90-12	12	90	27.8	395	15.55	110	4.33	286	11.26	286	11.26	M8
PFT100-12	12	100	29.5	395	15.55	110	4.33	286	11.26	286	11.26	M8
PFT100-12	12	100	29.0	508	20.0	110	4.33	223	8.78	238	9.37	M8
PFT105-12	12	105	29.0	508	20.0	110	4.33	223	8.78	238	9.37	M8
PFT110-12	12	110	32.5	395	15.55	110	4.33	286	11.26	286	11.26	M8
PFT120-12	12	120	36.0	436	17.17	108	4.25	323	12.72	323	12.72	M8
PFT125-12	12	125	38.0	436	17.17	108	4.25	323	12.72	323	12.72	M8
PFT150-12	12	150	49.0	546	21.5	125	4.92	325	12.8	325	12.8	M8
PFT150-12	12	150	48.5	551	21.69	110	4.33	287	11.3	287	11.3	M8
PFT160-12	12	160	49.0	551	21.69	110	4.33	287	11.3	287	11.3	M8
PFT180-12	12	180	54.0	560	22.05	125	4.92	316	12.44	316	12.44	M8
PFT190-12	12	190	54.0	560	22.05	125	4.92	316	12.44	316	12.44	M8
PFT200-12	12	200	60.0	560	22.05	125	4.92	316	12.44	316	12.44	M8

\*Please note that all specifications are changed without notice.

Model	Voltage	Capacity	Weight	Long		Wide		High		Total Height		Terminal
	V	Ah	Kg	mm	inch	mm	inch	mm	inch	mm	inch	
OPzV200-2	2	200	16.5	103	4.06	206	8.11	354	13.94	380	14.96	T20
OPzV250-2	2	250	21.5	124	4.88	206	8.11	354	13.94	380	14.96	T20
OPzV300-2	2	300	23.5	145	5.71	206	8.11	354	13.94	380	14.96	T20
OPzV350-2	2	350	26.5	124	4.88	206	8.11	470	18.50	496	19.53	T20
OPzV420-2	2	420	30.8	145	5.71	206	8.11	470	18.50	496	19.53	T20
OPzV500-2	2	500	35.0	166	6.54	206	8.11	470	18.50	496	19.53	T20
OPzV600-2	2	600	44.5	145	5.71	206	8.11	645	25.39	671	26.42	T20
OPzV800-2	2	800	59.5	191	7.52	210	8.27	645	25.39	681	26.81	T20
OPzV1000-2	2	1000	69.5	233	9.17	210	8.27	645	25.39	681	26.81	T20
OPzV1200-2	2	1200	82.0	275	10.83	210	8.27	645	25.39	681	26.81	T20
OPzV1500-2	2	1500	98.5	275	10.83	210	8.27	795	31.30	831	32.72	T20
OPzV2000-2	2	2000	149.5	399	15.71	210	8.27	772	30.39	807	31.77	T20
OPzV2500-2	2	2500	174.0	487	19.17	212	8.35	772	30.39	807	31.77	T20
OPzV3000-2	2	3000	209.5	576	22.68	212	8.35	772	30.39	807	31.77	T20

\*Please note that all specifications are changed without notice.

# OPzS系列

## OPzS Series

Maintenance convenient.  
Non-Spillable construction design.  
Transparent containers, convenient to observe.  
Special filter installation for acid fog proof.  
High quality and high reliability.  
Design long life:15-20 years.



Model	Voltage	Capacity	Weight	Long		Wide		High		Total Height		Terminal
	V	Ah	Kg	mm	inch	mm	inch	mm	inch	mm	inch	
OPzS100-2	2	100	8.50	103	4.06	206	8.11	354	13.94	409	16.10	T20
OPzS150-2	2	150	11.0	103	4.06	206	8.11	354	13.94	409	16.10	T20
OPzS200-2	2	200	13.5	103	4.06	206	8.11	354	13.94	409	16.10	T20
OPzS250-2	2	250	16.0	124	4.88	206	8.11	354	13.94	409	16.10	T20
OPzS300-2	2	300	18.5	145	5.71	206	8.11	354	13.94	409	16.10	T20
OPzS350-2	2	350	21.0	124	4.88	206	8.11	470	18.50	525	20.67	T20
OPzS420-2	2	420	24.5	145	5.71	206	8.11	470	18.50	525	20.67	T20
OPzS500-2	2	500	26.0	166	6.54	206	8.11	470	18.50	525	20.67	T20
OPzS600-2	2	600	31.0	145	5.71	206	8.11	645	25.39	700	27.56	T20
OPzS800-2	2	800	44.0	191	7.52	210	8.27	645	25.39	700	27.56	T20
OPzS1000-2	2	1000	52.0	233	9.17	210	8.27	645	25.39	700	27.56	T20
OPzS1200-2	2	1200	62.0	275	10.83	210	8.27	645	25.39	700	27.56	T20
OPzS1500-2	2	1500	75.0	275	10.83	210	8.27	795	31.30	850	33.46	T20
OPzS2000-2	2	2000	108	399	15.71	210	8.27	771	30.35	826	32.52	T20
OPzS2500-2	2	2500	130	487	19.17	212	8.35	771	30.35	826	32.52	T20
OPzS3000-2	2	3000	157	576	22.68	212	8.35	771	30.35	826	32.52	T20

\*Please note that all specifications are changed without notice.

## 案例图

### Case Picture



# 工厂图

Factory Picture

