

Customs white list enterprises



Energy Storage Product Manual

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01 | ABOUT US

Guangdong Yifei Power Co., Ltd. is a technology-based enterprise specializing in the design, research and development (R&D), manufacturing, and sales of various energy storage products. In China, we possess a large-scale production base with a 50,000-square-meter manufacturing facility, and have established an R&D center in Xiamen. We hold over 200 national patents, and our Core members boast over 10 years of experience in the new energy industry., dedicated to providing professional OEM/ODM services to global clients.

We commit to technological innovation, with technical expertise covering batteries, Battery Management Systems (BMS), inverters, and other areas. We have independently developed hundreds of products including home energy storage systems, outdoor energy storage systems, integrated solar-storage-charging systems, portable power stations, lead-acid to lithium battery conversion solutions, and commercial/industrial energy storage systems. We possess mature integrated new energy storage system solutions.

We has extensive experience in OEM manufacturing for high-quality clients in Europe and America. Currently, we operate 8 modern energy storage product production lines and nearly 100 product quality testing instruments. All products are strictly manufactured according to ISO standards to ensure high quality and reliability. Our factory has obtained ISO 9001/14001/45001 certifications, and our products hold multiple international authoritative certifications including UN38.3, UL, CE, FCC, and RoHS, and are sold to numerous countries and regions worldwide.

We are committed to providing professional and low-barrier OEM/ODM services for global brand clients, covering the entire process from product appearance design, structural design, in-depth hardware and software R&D to mass production of complete machines, delivering low-cost one-stop customized services.

Our vision is to build a highly specialized large-scale integrated factory for research, production, and sales in the energy storage industry, empowering global brand clients. We look forward to cooperating with you.



01 »

QUALIFICATION
CERTIFICATES



ISO45001



ISO9001



ISO14001



CE



ROHS



FCC



MSDS



UN38.3



Sea Shipping Report



Factory Inspection Report



Live Shot Of Factory



Having been dedicated to the field of energy storage
OEM/ODM for over 10 years,
we have served over 600 brand customers
in 130+ countries worldwide!



● Residential energy storage system

● Rack-mounted energy storage system

● All in One Solar Power Station

● LiFePO4 Battery

● Parking air - conditioner battery

● Golf cart battery

02 | Product Introduction

Home Storage Battery series

LFP25.6-100 25.6V100AH

Wall Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.



Bluetooth
Connection



Short Circuit
Protection



Temperature
Protection



Charging Overvoltage
Protection



Discharge Undervoltage
Protection



OC/OD
Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP25.6-100 25.6V100AH

Wall Mounted LiFePO4 Battery

Product Parameter

Available electricity	2.56Kwh
Rated capacity	100Ah
Cell configuration	8S1P
BMS configuration	8S100A
Rated voltage	25.6V
Operating voltage range	22.4V~29.2V
Rated charge and discharge current	50A
Peak current	100A Continue@105A 10s
Rated charging and discharging power	1.28Kw
Peak power	2.56Kw Continue@3.07Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	28Kg
Dimensions (L*W*H) mm	336*360*181mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Wall mounted
Power cable outlet mode	Under
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP25.6-200 25.6V200AH

Wall Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.




Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP25.6-200 25.6V200AH

Wall Mounted LiFePO4 Battery

Product Parameter

Available electricity	5.12Kwh
Rated capacity	200Ah
Cell configuration	8S2P
BMS configuration	8S200A
Rated voltage	25.6V
Operating voltage range	25.6V-26.4V
Rated charge and discharge current	100A
Peak current	200A Continue@205A 10s
Rated charging and discharging power	2.56Kw
Peak power	5.12Kw Continue@5.24Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	45Kg
Dimensions (L*W*H) mm	450*455*181mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Wall mounted
Power cable outlet mode	Under
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP25.6-200 25.6V200AH

Wall Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.




Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP25.6-200 25.6V200AH

Wall Mounted LiFePO4 Battery

Product Parameter

Available electricity	5.12Kwh
Rated capacity	200Ah
Cell configuration	8S2P
BMS configuration	8S100A
Rated voltage	25.6V
Operating voltage range	22.4V~29.2V
Rated charge and discharge current	50A
Peak current	100A Continue@105A 10s
Rated charging and discharging power	1.28Kw
Peak power	2.56Kw Continue@2.68Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	45Kg
Dimensions (L*W*H) mm	600*355*181mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Wall mounted
Power cable outlet mode	Under
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-100 51.2V100AH

Wall Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.




Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP51.2-100 51.2V100AH

Wall Mounted LiFePO4 Battery

Product Parameter

Available electricity	5.12Kwh
Rated capacity	100Ah
Cell configuration	16S1P
BMS configuration	16S100A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	50A
Peak current	100A Continue@105A 10s
Rated charging and discharging power	2.56Kw
Peak power	5.12Kw Continue@5.38Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	45Kg
Dimensions (L*W*H) mm	450*455*181mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Wall mounted
Power cable outlet mode	Under
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-200 51.2V200AH

Wall Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
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- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting
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*Please note that all specifications are changed without notice.

LFP51.2-200 51.2V200AH

Wall Mounted LiFePO4 Battery

Product Parameter

Available electricity	10.24Kwh
Rated capacity	200Ah
Cell configuration	16S2P
BMS configuration	16S200A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	100A
Peak current	200A Continue@205A 10s
Rated charging and discharging power	5.12Kw
Peak power	10.24Kw Continue@10.50Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	98Kg±1Kg
Dimensions (L*W*H) mm	780*450*181mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Wall mounted
Power cable outlet mode	Under
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-280 51.2V280AH

Wall Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.




Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP51.2-280 51.2V280AH

Wall Mounted LiFePO4 Battery

Product Parameter

Available electricity	14.336Kwh
Rated capacity	280Ah
Cell configuration	16S1P
BMS configuration	16S150A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	75A
Peak current	150A Continue@155A 10s
Rated charging and discharging power	3.84Kw
Peak power	7.68Kw Continue@7.94Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	115Kg
Dimensions (L*W*H) mm	875*500*270m
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Wall mounting
Power cable outlet mode	Side
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-300 51.2V300AH

Wall Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.




Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP51.2-300 51.2V300AH

Wall Mounted LiFePO4 Battery

Product Parameter

Available electricity	15.36Kwh
Rated capacity	300Ah
Cell configuration	16S1P
BMS configuration	16S200A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	100A
Peak current	200A Continue@205A 10s
Rated charging and discharging power	5.12Kw
Peak power	10.24Kw Continue@10.50Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	123Kg
Dimensions (L*W*H) mm	865*430*250mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Wall mounted
Power cable outlet mode	Under
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-330 51.2V330AH

Wall Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.



Bluetooth
Connection



Short Circuit
Protection



Temperature
Protection



Charging Overvoltage
Protection



Discharge Undervoltage
Protection



OC/OD
Protection



Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP51.2-330 51.2V330AH

Wall Mounted LiFePO4 Battery

Product Parameter

Available electricity	16.896Kwh
Rated capacity	330Ah
Cell configuration	16S1P
BMS configuration	16S200A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	100A
Peak current	200A Continue@205A 10s
Rated charging and discharging power	5.12Kw
Peak power	10.24Kw Continue@10.50Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	117Kg
Dimensions (L*W*H) mm	780*450*181mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Wall mounted
Power cable outlet mode	Side
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-335 51.2V335AH

Wall Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.




Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP51.2-335 51.2V335AH

Wall Mounted LiFePO4 Battery

Product Parameter

Available electricity	17.152Kwh
Rated capacity	335Ah
Cell configuration	16S1P
BMS configuration	16S200A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	100A
Peak current	200A Continue@205A 10s
Rated charging and discharging power	5.12Kw
Peak power	10.24Kw Continue@10.50Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	117Kg
Dimensions (L*W*H) mm	780*450*181mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Wall mounted
Power cable outlet mode	Under
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-400 51.2V400AH

Wall Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.




Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP51.2-400 51.2V400AH

Wall Mounted LiFePO4 Battery

Product Parameter

Available electricity	20.48Kwh
Rated capacity	400Ah
Cell configuration	16S2P
BMS configuration	16S200A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	100A
Peak current	200A Continue@205A 10s
Rated charging and discharging power	5.12Kw
Peak power	10.24Kw Continue@10.50Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	155Kg
Dimensions (L*W*H) mm	865*560*320mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Wall mounted
Power cable outlet mode	Side
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-200 51.2V200AH

Floor Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP51.2-200 51.2V200AH

Floor Mounted LiFePO4 Battery

Product Parameter

Available electricity	10.24Kwh
Rated capacity	200Ah
Cell configuration	16S1P
BMS configuration	16S200A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	100A
Peak current	200A Continue@205A 10s
Rated charging and discharging power	5.12Kw
Peak power	10.24Kw Continue@10.50Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	85Kg
Dimensions (L*W*H) mm	675*500*250mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Floor mounting
Power cable outlet mode	Side
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-300 51.2V300AH

Floor Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP51.2-300 51.2V300AH

Floor Mounted LiFePO4 Battery

Product Parameter

Available electricity	15.36Kwh
Rated capacity	300Ah
Cell configuration	16S1P
BMS configuration	16S200A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	100A
Peak current	200A Continue@205A 10s
Rated charging and discharging power	5.12Kw
Peak power	10.24Kw Continue@10.50Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	CAN,RS485
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	117Kg
Dimensions (L*W*H) mm	700*535*260mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Floor mounted
Power cable outlet mode	Side
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-300 51.2V300AH

Floor Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.




Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP51.2-300 51.2V300AH

Floor Mounted LiFePO4 Battery

Product Parameter

Available electricity	15.36Kwh
Rated capacity	300Ah
Cell configuration	16S1P
BMS configuration	16S200A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	100A
Peak current	200A Continue@205A 10s
Rated charging and discharging power	5.12Kw
Peak power	10.24Kw Continue@10.50Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	123Kg
Dimensions (L*W*H) mm	865*430*250mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Floor mounted
Power cable outlet mode	Under
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-300 51.2V300AH

Floor Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP51.2-300 51.2V300AH

Floor Mounted LiFePO4 Battery

Product Parameter

Available electricity	15.36Kwh
Rated capacity	300Ah
Cell configuration	16S1P
BMS configuration	16S200A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	100A
Peak current	200A Continue@205A 10s
Rated charging and discharging power	5.12Kw
Peak power	10.24Kw Continue@10.50Kw 10s
Cycle life	≥8000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	114Kg
Dimensions (L*W*H) mm	855*430*270MM
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Floor mounting
Power cable outlet mode	Top
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-600 51.2V600AH

Floor-Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP51.2-600 51.2V600AH

Floor-Mounted LiFePO4 Battery

Product Parameter

Available electricity	30.72Kwh
Rated capacity	600Ah
Cell configuration	16S2P
BMS configuration	16S200A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	100A
Peak current	200A Continue@205A 10s
Rated charging and discharging power	5.12Kw
Peak power	10.24Kw Continue@10.50Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	224Kg
Dimensions (L*W*H) mm	900*700*320mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victron energy/SOFAR/INVT
Installation mode	Floor mounting
Power cable outlet mode	Side
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-100 51.2V100AH

Stackable Mounted LiFePO4 Battery



General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP51.2-100 51.2V100AH

Stackable Mounted LiFePO4 Battery

Product Parameter

Available electricity	5.12Kwh
Rated capacity	100Ah
Cell configuration	16S1P
BMS configuration	16S100A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	100A
Peak current	100A Continue@105A 10s
Rated charging and discharging power	5.12Kw
Peak power	5.12Kw Continue@5.37Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	50±5KG
Dimensions (L*W*H) mm	486*442*200mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Stackable
Power cable outlet mode	Front Access
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-200 51.2V200AH

Stackable Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP51.2-200 51.2V200AH

Stackable Mounted LiFePO4 Battery

Product Parameter

Available electricity	10.24Kwh
Rated capacity	200Ah
Cell configuration	16S1P
BMS configuration	16S200A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	100A
Peak current	200A Continue@205A 10s
Rated charging and discharging power	5.12Kw
Peak power	10.24Kw Continue@10.5Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	85±5KG
Dimensions (L*W*H) mm	570*530*270mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Stackable
Power cable outlet mode	Rear
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP25.6-100 25.6V100AH

Rack Mounted LiFePO4 Battery



General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.



Bluetooth
Connection



Short Circuit
Protection



Temperature
Protection



Charging Overvoltage
Protection



Discharge Undervoltage
Protection



OC/OD
Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP25.6-100 25.6V100AH

Rack Mounted LiFePO4 Battery

Product Parameter

Available electricity	2.56Kwh
Rated capacity	100Ah
Cell configuration	8S1P
BMS configuration	8S100A
Rated voltage	25.6V
Operating voltage range	22.4V~29.2V
Rated charge and discharge current	50A
Peak current	100A Continue@120A 10s
Rated charging and discharging power	1.28Kw
Peak power	2.56Kw Continue@3.07Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	28Kg
Dimensions (L*W*H) mm	326*483*153mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Rack/Floor mounting
Power cable outlet mode	Front
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-100 51.2V100AH

Rack Mounted LiFePO4 Battery



General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP51.2-100 51.2V100AH

Rack Mounted LiFePO4 Battery

Product Parameter

Available electricity	5.12Kwh
Rated capacity	100Ah
Cell configuration	16S1P
BMS configuration	16S100A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	50A
Peak current	100A Continue@105A 10s
Rated charging and discharging power	2.56Kw
Peak power	5.12Kw Continue@5.376Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	45Kg
Dimensions (L*W*H) mm	486*483*153mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Rack/Floor mounting
Power cable outlet mode	Front
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-200 51.2V200AH

Rack Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP51.2-200 51.2V200AH

Rack Mounted LiFePO4 Battery

Product Parameter

Available electricity	10.24Kwh
Rated capacity	200Ah
Cell configuration	16S1P
BMS configuration	16S150A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	75A
Peak current	150A Continue@155A 10s
Rated charging and discharging power	3.84Kw
Peak power	7.68Kw Continue@7.94Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	82Kg
Dimensions (L*W*H) mm	613*482*240mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Rack/Floor mounting
Power cable outlet mode	Front
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-300 51.2V300AH

Rack Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP51.2-300 51.2V300AH

Rack Mounted LiFePO4 Battery

Product Parameter

Available electricity	15.36Kwh
Rated capacity	300Ah
Cell configuration	16S1P
BMS configuration	16S200A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	100A
Peak current	200A Continue@205A 10s
Rated charging and discharging power	5.12Kw
Peak power	10.24Kw Continue@10.50Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	123Kg
Dimensions (L*W*H) mm	720*482*250mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Floor mounting
Power cable outlet mode	Side
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-300 51.2V300AH

Rack Mounted LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP51.2-300 51.2V300AH

Rack Mounted LiFePO4 Battery

Product Parameter

Available electricity	15.36Kwh
Rated capacity	300Ah
Cell configuration	16S1P
BMS configuration	16S200A
Rated voltage	51.2V
Operating voltage range	44.8V~58.4V
Rated charge and discharge current	100A
Peak current	200A Continue@205A 10s
Rated charging and discharging power	5.12Kw
Peak power	10.24Kw Continue@10.50Kw 10s
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	RS485/RS232/CAN
Parallel number	Recommend 6 in parallel(Maximum support 16 in parallel)
Remote data	Bluetooth optional/Wifi
Weight	108Kg
Dimensions (L*W*H) mm	750*483*250mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP21
Supports inverter communication brands	SMA/Growatt/TBB/Deye/GOODWE/PYLONLuxpowertek/Victon energy/SOFAR/INVT
Installation mode	Floor mounting
Power cable outlet mode	Side
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.

03 | Product Introduction

All in One SolarPower Station

Y-1.5KW-2560Wh

ALL IN ONE SOLAR POWER STATION

General Feature

- Longer cycle life: The cycle life of the battery pack can reach 6000 times, which is 5times that of the lead-acid battery, effectively saving the replacement and maintenance cost.
- Lighter weight: High energy density, 40% weight of the lead-acid battery.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

Y-1.5KW-2560Wh

ALL IN ONE SOLAR POWER STATION

Product Parameter

Model	Y-1.5KW-2560Wh
Battery Capacity	2.56KWh
Rated Power	1500W / Peak 3000VA
Cycle Life	6000+ times
Cell Type	LiFePO4
AC Input	90-280VAC±3V
AC Output	220/230/240VAC+5%
Rated Battery Input Voltage	DC12V
PV Input Power	2000W MAX
MPPT Voltage Range	40-500DC
Maximum MPPT Input Voltage	500VDC MAX
AC input current	60A MAX
DC Output	DC:12V 3A; USB:5V 2.4A; TYPE-C:5V 2.4A
Overall Dimensions	L620*W260*H600mm
Net Weight	35kg
Supported Functions	WIFI (optional), LCD display

*Please note that all specifications are changed without notice.



Y-1.5KW-3840Wh

ALL IN ONE SOLAR POWER STATION

General Feature

- Longer cycle life: The cycle life of the battery pack can reach 6000 times, which is 5times that of the lead-acid battery, effectively saving the replacement and maintenance cost.
- Lighter weight: High energy density, 40% weight of the lead-acid battery.
- Wider temperature range: -20°C~60°C.



Bluetooth
Connection



Short Circuit
Protection



Temperature
Protection



Charging Overvoltage
Protection



Discharge Undervoltage
Protection



OC/OD
Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

Y-1.5KW-3840Wh

ALL IN ONE SOLAR POWER STATION

Product Parameter

Model	Y-1.5KW-3840Wh
Battery Capacity	3.84KWh
Rated Power	1500W / Peak 3000VA
Cycle Life	6000+ times
Cell Type	LiFePO4
AC Input	90-280VAC±3V
AC Output	220/230/240VAC+5%
Rated Battery Input Voltage	DC12V
PV Input Power	2000W MAX
MPPT Voltage Range	40-500DC
Maximum MPPT Input Voltage	500VDC MAX
AC input current	60A MAX
DC Output	DC:12V 3A; USB:5V 2.4A; TYPE-C:5V 2.4A
Overall Dimensions	L600*W260*H600mm
Net Weight	35kg
Supported Functions	WIFI (optional), LCD display

*Please note that all specifications are changed without notice.



Y-4KW-5120Wh

ALL IN ONE SOLAR POWER STATION

General Feature

- Longer cycle life: The cycle life of the battery pack can reach 6000 times, which is 5times that of the lead-acid battery, effectively saving the replacement and maintenance cost.
- Lighter weight: High energy density, 40% weight of the lead-acid battery.
- Wider temperature range: -20°C~60°C.




Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

Y-4KW-5120Wh

ALL IN ONE SOLAR POWER STATION

Product Parameter

Model	Y-4KW-5120Wh
Battery Capacity	5.12KWh
Rated Power	4000W / Peak 8000VA
Cycle Life	6000+ times
Cell Type	LiFePO4
AC Input	90-280VAC±3V
AC Output	220/230/240VAC+5%
Rated Battery Input Voltage	DC24V
PV Input Power	5000W MAX
MPPT Voltage Range	60-500DC
Maximum MPPT Input Voltage	500VDC MAX
AC input current	60A MAX
DC Output	DC:12V 3A; USB:5V 2.4A; TYPE-C:5V 2.4A
Overall Dimensions	L780*W260*H630mm
Net Weight	36kg
Supported Functions	WIFI (optional), LCD display

*Please note that all specifications are changed without notice.



Y-4KW-7680Wh

ALL IN ONE SOLAR POWER STATION

General Feature

- Longer cycle life: The cycle life of the battery pack can reach 6000 times, which is 5times that of the lead-acid battery, effectively saving the replacement and maintenance cost.
- Lighter weight: High energy density, 40% weight of the lead-acid battery.
- Wider temperature range: -20°C~60°C.



Bluetooth
Connection



Short Circuit
Protection



Temperature
Protection



Charging Overvoltage
Protection



Discharge Undervoltage
Protection



OC/OD
Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

Y-4KW-7680Wh

ALL IN ONE SOLAR POWER STATION

Product Parameter

Model	Y-4KW-7680Wh
Battery Capacity	7.68KWh
Rated Power	4000W / Peak 8000VA
Cycle Life	6000+ times
Cell Type	LiFePO4
AC Input	90-280VAC±3V
AC Output	220/230/240VAC+5%
Rated Battery Input Voltage	DC24V
PV Input Power	5000W MAX
MPPT Voltage Range	60-500DC
Maximum MPPT Input Voltage	500VDC MAX
AC input current	60A MAX
DC Output	DC:12V 3A; USB:5V 2.4A; TYPE-C:5V 2.4A
Overall Dimensions	L780*W260*H630mm
Net Weight	75kg
Supported Functions	WIFI (optional), LCD display

*Please note that all specifications are changed without notice.



Y-6KW-10KWh

ALL IN ONE SOLAR POWER STATION



General Feature

- Longer cycle life: The cycle life of the battery pack can reach 6000 times, which is 5times that of the lead-acid battery, effectively saving the replacement and maintenance cost.
- Lighter weight: High energy density, 40% weight of the lead-acid battery.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.
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Y-6KW-10KWh

ALL IN ONE SOLAR POWER STATION

Product Parameter

Model	Y-6KW-10KWh
Battery Capacity	10.24KWh
Rated Power	5000W / Peak 10000VA
Cycle Life	6000+ times
Cell Type	LiFePO4
AC Input	90-280VAC±3V
AC Output	220/230/240VAC+5%
Rated Battery Input Voltage	DC48V
PV Input Power	6200W MAX
MPPT Voltage Range	60-500DC
Maximum MPPT Input Voltage	500VDC MAX
AC input current	60A MAX
DC Output	DC:12V 3A; USB:5V 2.4A; TYPE-C:5V 2.4A
Overall Dimensions	L780*W260*H750mm
Net Weight	90kg
Supported Functions	WIFI (optional), LCD display

*Please note that all specifications are changed without notice.



Y-6KW-15KWh

ALL IN ONE SOLAR POWER STATION

General Feature

- Longer cycle life: The cycle life of the battery pack can reach 6000 times, which is 5times that of the lead-acid battery, effectively saving the replacement and maintenance cost.
- Lighter weight: High energy density, 40% weight of the lead-acid battery.
- Wider temperature range: -20°C~60°C.



Bluetooth
Connection



Short Circuit
Protection



Temperature
Protection



Charging Overvoltage
Protection



Discharge Undervoltage
Protection



OC/OD
Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

Y-6KW-15KWh

ALL IN ONE SOLAR POWER STATION

Product Parameter

Model	Y-6KW-15KWh
Battery Capacity	15.36KWh
Rated Power	5000W / Peak 10000VA
Cycle Life	6000+ times
Cell Type	LiFePO4
AC Input	90-280VAC±3V
AC Output	220/230/240VAC+5%
Rated Battery Input Voltage	DC48V
PV Input Power	6200W MAX
MPPT Voltage Range	60-500DC
Maximum MPPT Input Voltage	500VDC MAX
AC input current	60A MAX
DC Output	DC:12V 3A; USB:5V 2.4A; TYPE-C:5V 2.4A
Overall Dimensions	L780*W260*H800mm
Net Weight	130kg
Supported Functions	WIFI (optional), LCD display

*Please note that all specifications are changed without notice.



Y-11KW-15KWh

ALL IN ONE SOLAR POWER STATION



General Feature

- Longer cycle life: The cycle life of the battery pack can reach 6000 times, which is 5times that of the lead-acid battery, effectively saving the replacement and maintenance cost.
- Lighter weight: High energy density, 40% weight of the lead-acid battery.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
 -
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting
 -

*Please note that all specifications are changed without notice.

Y-11KW-15KWh

ALL IN ONE SOLAR POWER STATION

Product Parameter

Model	Y-11KW-15KWh
Battery Capacity	15.36KWh
Rated Power	11000W / Peak 22000VA
Cycle Life	6000+ times
Cell Type	LiFePO4
AC Input	195-253VAC±3V
AC Output	220/230/240VAC+5%
Rated Battery Input Voltage	DC48V
PV Input Power	5500W * 2 channels MAX
MPPT Voltage Range	90-500DC
Maximum MPPT Input Voltage	500VDC MAX
AC input current	150A MAX
DC Output	DC:12V 3A; USB:5V 2.4A; TYPE-C:5V 2.4A
Overall Dimensions	L780*W260*H950mm
Net Weight	145kg
Supported Functions	WIFI (optional), LCD display

*Please note that all specifications are changed without notice.



Y-11KW-17KWh

ALL IN ONE SOLAR POWER STATION

General Feature

- Longer cycle life: The cycle life of the battery pack can reach 6000 times, which is 5times that of the lead-acid battery, effectively saving the replacement and maintenance cost.
- Lighter weight: High energy density, 40% weight of the lead-acid battery.
- Wider temperature range: -20°C~60°C.




Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
 -
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting
 -

*Please note that all specifications are changed without notice.

Y-11KW-17KWh

ALL IN ONE SOLAR POWER STATION

Product Parameter

Model	Y-11KW-17KWh
Battery Capacity	16.896KWh
Rated Power	11000W / Peak 22000VA
Cycle Life	6000+ times
Cell Type	LiFePO4
AC Input	195-253VAC±3V
AC Output	220/230/240VAC+5%
Rated Battery Input Voltage	DC48V
PV Input Power	5500W * 2 channels MAX
MPPT Voltage Range	90-500DC
Maximum MPPT Input Voltage	500VDC MAX
AC input current	150A MAX
DC Output	DC:12V 3A; USB:5V 2.4A; TYPE-C:5V 2.4A
Overall Dimensions	L780*W260*H950mm
Net Weight	145kg
Supported Functions	WIFI (optional), LCD display

*Please note that all specifications are changed without notice.



Y-5KW-10KWh

ALL IN ONE SOLAR POWER STATION

General Feature

- Longer cycle life: The cycle life of the battery pack can reach 6000 times, which is 5times that of the lead-acid battery, effectively saving the replacement and maintenance cost.
- Lighter weight: High energy density, 40% weight of the lead-acid battery.
- Wider temperature range: -20°C~60°C.




Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

Y-5KW-10KWh

ALL IN ONE SOLAR POWER STATION

Product Parameter

Model	Y-5KW-10KWh
Battery Capacity	10.24KWh
Rated Power	5000W / Peak 10000VA
AC Voltage(battery mode)	(220vac~240vac)±5% 230vac
Cycle Life	6000 times
AC Charging	Max. 80A
MPPT Charging	6000W, 60-450VDC, Max. 80A
Recommended charging current	40A
Maximum charging voltage	58.4V
Maximum charging current	200A
Recommend discharge current	100A
Maximum discharge current	200A
Product Size	548*458*650mm
Net Weight	123Kg
Gross Weight	130Kg
Supported Functions	Bluetooth & App Support: Optional (additional cost)

*Please note that all specifications are changed without notice.



YF-11KW-17KWh

ALL IN ONE SOLAR POWER STATION

General Feature

- Longer cycle life: The cycle life of the battery pack can reach 6000 times, which is 5times that of the lead-acid battery, effectively saving the replacement and maintenance cost.
- Lighter weight: High energy density, 40% weight of the lead-acid battery.
- Wider temperature range: -20°C~60°C.




Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

YF-11KW-17KWh

ALL IN ONE SOLAR POWER STATION

Product Parameter Support expansion

Model	YF-11KW-17KWh	
Battery Capacity	17KWh	Recommend 6 in parallel(Maximum support 16 in parallel)
Rated Power	11000W / Peak 22000VA	
Cycle Life	6000+ times	
Cell Type	LiFePO4	
AC Input	195-253VAC±3V	
AC Output	220/230/240VAC+5%	
Rated Battery Input Voltage	DC48V	
PV Input Power	5500W * 2 channels MAX	
MPPT Voltage Range	90-500DC	
Maximum MPPT Input Voltage	500VDC MAX	
AC input current	150A MAX	
DC Output	DC:12V 3A; USB:5V 2.4A; TYPE-C:5V 2.4A	
Overall Dimensions	835*550*394mm	
Net Weight	144kg	
Gross Weight	160.5kg	
Supported Functions	WIFI (optional), LCD display	

*Please note that all specifications are changed without notice.

04 | Product Introduction

Lithium Replaced Series

LFP12.8-100 12.8V100AH

Lithium Replaced Series

LFP12.8-100 12.8V100AH

Lithium Replaced Series



General Feature

- 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


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

Product Parameter

Available electricity	1.28Kwh
Rated capacity	100Ah
Cell configuration	4S1P
BMS configuration	4S100A
Rated voltage	12.8V
Operating voltage range	10.0V~14.6V
Rated charge and discharge current	100A
Peak current	100A Continue@105A 1s
Rated charging and discharging power	1.28Kw
Peak power	1.28Kw Continue@1.344Kw 1s
Short - circuit current	About 2000A@20 - 500us
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	No
Parallel number	Support 4 string 4 parallel
Remote data	No
Battery display	YES
Weight	10Kg
Dimensions (L*W*H) mm	260*167*210mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP67
Installation mode	Ground placement
Power cable outlet mode	M8
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP12.8-150 12.8V150AH

Lithium Replaced Series

General Feature

- 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


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP12.8-150 12.8V150AH

Lithium Replaced Series

Product Parameter

Available electricity	1.92Kwh
Rated capacity	150Ah
Cell configuration	4S1P
BMS configuration	4S100A
Rated voltage	12.8V
Operating voltage range	10.0V~14.6V
Rated charge and discharge current	100A
Peak current	100A Continue@105A 1s
Rated charging and discharging power	1.28Kw
Peak power	1.28Kw Continue@1.344Kw 1s
Short - circuit current	About 2000A@20 - 500us
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	No
Parallel number	Support 4 string 4 parallel
Remote data	No
Battery display	YES
Weight	13.5Kg
Dimensions (L*W*H) mm	339*185*218mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP67
Installation mode	Ground placement
Power cable outlet mode	M8
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP12.8-200 12.8V200AH

Lithium Replaced Series

General Feature

- 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


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP12.8-200 12.8V200AH

Lithium Replaced Series

Product Parameter

Available electricity	2.56Kwh
Rated capacity	200Ah
Cell configuration	4S2P
BMS configuration	4S200A
Rated voltage	12.8V
Operating voltage range	10.0V~14.6V
Rated charge and discharge current	200A
Peak current	200A Continue@205A 1s
Rated charging and discharging power	2.56Kw
Peak power	2.56Kw Continue@2.62Kw 1s
Short - circuit current	About 2000A@20 - 500us
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	No
Parallel number	Support 4 string 4 parallel
Remote data	No
Battery display	YES
Weight	19.62Kg
Dimensions (L*W*H) mm	502*186*243mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP67
Installation mode	Ground placement
Power cable outlet mode	M8
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP12.8-230 12.8V230AH

Lithium Replaced Series

General Feature

- 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


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP12.8-230 12.8V230AH

Lithium Replaced Series

Product Parameter

Available electricity	2.94Kwh
Rated capacity	230Ah
Cell configuration	4S1P
BMS configuration	4S200A
Rated voltage	12.8V
Operating voltage range	10.0V~14.6V
Rated charge and discharge current	200A
Peak current	200A Continue@205A 1s
Rated charging and discharging power	2.56Kw
Peak power	2.56Kw Continue@2.68Kw 2.6s
Short - circuit current	About 2000A@20 - 500us
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	No
Parallel number	Support 4 string 4 parallel
Remote data	No
Battery display	YES
Weight	17.5kg
Dimensions (L*W*H) mm	363*212*230mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP67
Installation mode	Ground placement
Power cable outlet mode	M8
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP12.8-300 12.8V300AH

Lithium Replaced Series

General Feature

- 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


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP12.8-300 12.8V300AH

Lithium Replaced Series

Product Parameter

Available electricity	3.84Kwh
Rated capacity	300Ah
Cell configuration	4S1P
BMS configuration	4S200A
Rated voltage	12.8V
Operating voltage range	10.0V~14.6V
Rated charge and discharge current	200A
Peak current	200A Continue@205A 1s
Rated charging and discharging power	2.56Kw
Peak power	2.56Kw Continue@2.624Kw 1s
Short - circuit current	About 2000A@20 - 500us
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	No
Parallel number	Support 4 string 4 parallel
Remote data	No
Battery display	YES
Weight	26Kg
Dimensions (L*W*H) mm	384*194*255mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP67
Installation mode	Ground placement
Power cable outlet mode	M8
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP25.6-100 25.6V100AH

Lithium Replaced Series

General Feature

- 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


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP25.6-100 25.6V100AH

Lithium Replaced Series

Product Parameter

Available electricity	2.56Kwh
Rated capacity	100Ah
Cell configuration	8S1P
BMS configuration	8S100A
Rated voltage	25.6V
Operating voltage range	25.6V~26.4V
Rated charge and discharge current	100A
Peak current	100A Continue@105A 1s
Rated charging and discharging power	2.56Kw
Peak power	2.56Kw Continue@2.68Kw 1s
Short - circuit current	About 2000A@20 - 500us
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	No
Parallel number	Support 2 string 4 parallel
Remote data	No
Battery display	YES
Weight	19.62Kg
Dimensions (L*W*H) mm	502*186*243mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	Ip67
Installation mode	Ground placement
Power cable outlet mode	M8
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP25.6-150 25.6V150AH

Lithium Replaced Series

General Feature

- 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


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP25.6-150 25.6V150AH

Lithium Replaced Series

Product Parameter

Available electricity	3.84Kwh
Rated capacity	150Ah
Cell configuration	8S1P
BMS configuration	8S150A
Rated voltage	25.6V
Operating voltage range	25.6V~26.4V
Rated charge and discharge current	150A
Peak current	150A Continue@155A 1s
Rated charging and discharging power	3.84Kw
Peak power	3.84Kw Continue@3.96Kw 1s
Short - circuit current	About 2000A@20 - 500us
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	No
Parallel number	Support 2 string 4 parallel
Remote data	No
Battery display	YES
Weight	26.5Kg
Dimensions (L*W*H) mm	502*187*242mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP67
Installation mode	Ground placement
Power cable outlet mode	M8
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP25.6-200 25.6V200AH

Lithium Replaced Series



General Feature

- 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


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP25.6-200 25.6V200AH

Lithium Replaced Series

Product Parameter

Available electricity	5.12Kwh
Rated capacity	200Ah
Cell configuration	8S1P
BMS configuration	8S200A
Rated voltage	25.6V
Operating voltage range	25.6V~26.4V
Rated charge and discharge current	200A
Peak current	200A Continue@205A 1s
Rated charging and discharging power	5.12Kw
Peak power	5.12Kw Continue@5.24Kw 1s
Short - circuit current	About 2000A@20 - 500us
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	No
Parallel number	Support 2 string 4 parallel
Remote data	No
Battery display	YES
Weight	35Kg
Dimensions (L*W*H) mm	522*238*218mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP67
Installation mode	Ground placement
Power cable outlet mode	M8
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP25.6-300 25.6V300AH

Lithium Replaced Series

General Feature

- 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


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP25.6-300 25.6V300AH

Lithium Replaced Series

Product Parameter

Available electricity	7.68Kwh
Rated capacity	300Ah
Cell configuration	8S1P
BMS configuration	8S200A
Rated voltage	25.6V
Operating voltage range	25.6V~26.4V
Rated charge and discharge current	200A
Peak current	200A Continue@205A 1s
Rated charging and discharging power	5.12Kw
Peak power	5.12Kw Continue@5.24Kw 1s
Short - circuit current	About 2000A@20 - 500us
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	No
Parallel number	Support 2 string 4 parallel
Remote data	No
Battery display	YES
Weight	48Kg
Dimensions (L*W*H) mm	524*365*232.5mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP67
Installation mode	Ground placement
Power cable outlet mode	M8
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP25.6-300 25.6V300AH

Truck Parking Air Conditioner Lithium Battery

General Feature

- **Upgraded GPS Positioning**
Integrated GPS · Data linkage · Real - time positioning
- **Lossless Installation and Direct Replacement**
Service life is more than three times that of lead - acid batteries
- **BMS Intelligent Management System**
Intelligently detect temperature, voltage and current
- **Explosion - proof and Fire - proof for Greater Safety**
Reject potential safety hazards and give you more peace of mind



GPS Positioning
GPS positioning and anti - theft



Can Force Start
One - key start in 60 seconds



No Loss
Replace the original lead - acid battery



Mobile Phone Monitoring
Check the battery status at any time



Winter Heating
Battery heating in winter



Long Service Life
Service life up to 5 - 10 years

LFP25.6-300 25.6V300AH

Truck Parking Air Conditioner Lithium Battery

Product Parameter

Available electricity	7.68Kwh
Rated capacity	300Ah
Cell configuration	8S1P
BMS configuration	8S200A
Rated voltage	25.6V
Operating voltage range	25.6V~26.4V
Rated charge and discharge current	200A
Peak current	200A Continue@205A 1s
Rated charging and discharging power	5.12Kw
Peak power	5.12Kw Continue@5.24Kw 1s
Short - circuit current	About 2000A@20 - 500us
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	YES
Remote data	YES
Battery display	YES
Weight	58Kg
Dimensions (L*W*H) mm	470*365*260mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP67
Installation mode	Ground placement
Power cable outlet mode	M8
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-105 51.2V105AH

Lithium - ion battery for golf cart

General Feature

- **COMMUNICATION CONTROL**
Support CAN/RS485 communication protocol
- **CYCLE-LIFE**
Cycle life more than 6000+ times
- **WATERPROOF**
Waterproof rating Ip67
- **HIGH DISCHARGE**
Discharge current 250A
- **CUSTOMIZED**
Customized according to various brand models of vehicles

Over Current
Protection

Over - Discharge
Protection

Short - Current
Protection

Overcharge
Protection

Hight/Low Temp
Cutoff Protection

LFP51.2-105 51.2V105AH

Lithium - ion battery for golf cart

Product Parameter

Available electricity	5.37Kwh
Rated capacity	105Ah
Cell configuration	16S1P
BMS configuration	16S250A
Rated voltage	51.2V
Operating voltage range	51.2V~52.8V
Rated charge and discharge current	250A
Peak current	250A Continue
Rated charging and discharging power	5.12Kw
Peak power	12.8Kw Continue
Short - circuit current	About 2000A@20 - 500us
Cycle life	≥6000 Cycle,80% DOD,25°C
Communication mode	YES
Remote data	NO
Battery display	YES
Weight	48Kg
Dimensions (L*W*H) mm	420*336*250mm
Operating temperature	Charging: 0°C~+50°C / Discharge: -10°C~+60°C
Relative humidity	0~95%
Storage temperature	<3 Months -10°C~25°C / <1 Year 0°C~25°C
Maximum working altitude	2000m
Class of protection	IP67
Installation mode	Ground placement
Power cable outlet mode	M8
Standards and certification	Transport UN38.3

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.

05 | Product Introduction

Outdoor Portable LiFePO4 Battery



LFP3.2-314 3.2V314AH

Outdoor Portable LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP3.2-314 3.2V314AH

Outdoor Portable LiFePO4 Battery

Product Parameter

Model NO.	H-1000
Rated power	250W
Battery	LiFePo4
Battery capacity	314Ah
Rated battery energy	1kWh
AC output voltage	220/230Vac
AC input voltage	150 - 264Vac
AC input frequency	45~50Hz
AC charging power(Max)	500W (Charge + Bypass)
Max. PV input power	200W
PV input voltage	12 - 36V
Max. PV input current	11A
Operating Temperature	0 - 45°C
Operating Altitude	<3000m
Humidity	95%
IP Level	IP20
Weight	8.5KG±0.5KG
Dimson	L*W*H = 210*140*300mm

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP22.4-54 22.4V54AH

Outdoor Portable LiFePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP22.4-54 22.4V54AH

Outdoor Portable LiFePO4 Battery

Product Parameter

N.W	29.35KG	Size	381*280*396mm
Capacity	1209Wh	Cycle Life	about 1500 times
Rated Power	1200W peak 2400W	Battery Type	LFP
Super Fast Charging	support	UPS Function	support
Standby Power Mode	support	Smart car charging	support
Enhanced Overload Mode	support	Auto identification of grid system	support
Capacity Expansion	(optional, need extra cost)		

Output

AC Output (×4)	Pure Sine Wave 110V~120V 50Hz/60Hz	
USB-A output (×2)	5V/3A, 9V/2A, 12V/1.5A Max Output 18W	
USB-B output (×2)	5V/2.4A	
Type-C output (×2)	(5/9/12/15V)/3A, 20V/5A Max Output 100	
Type-C2 output (×2)	(5/9V)/3A, 12V/2.5A, 15V/2A, 20V/1.5A Max Output 30W	
Car charger output	13V/10A	Car Charger Port、DC5521 Power Sharing Max Current 12A
DC5521 (×2)	13V/10A	
UPS Function Description	Startup time is less than 10ms and support emergency backup	

Input

AC Input	Variable power charging 800W Max
XT60 port (Solar Input)	10~60V, 22A/Max input 800W

Working Condition

Discharge Temperature	-20°C~40°C
Charging Temperature	0°C~40°C
Working Ambient Humidity	20~90%RH (no cold condensation phenomenon)
Storage Temperature	-10°C~45°C
Storage Ambient Humidity	<70%RH (no cold condensation phenomenon)
Altitud	<2000M

*Product performance data may vary due to different environmental factors. Please refer to the actual situation

*Please note that all specifications are changed without notice.



LFP22.4-100 22.4V100AH

Outdoor Portable Energy Storage Speaker

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
 - Communication Equipment
 - Emergency Power System
 - Medical Equipment
- UPS Backup Power
 - Electric Vehicles/electric mobility
 - Fire And Security System
 - Lighting

*Please note that all specifications are changed without notice.

LFP22.4-100 22.4V100AH

Outdoor Portable Energy Storage Speaker

Product Parameter

Battery Capacity	LiFePO4, 2240Wh (22.4V/100A)
Rated Power	2000W, Peak value 4000W
AC Input Charging	Variable Power Charging, 600W Max, 0-100% full charge takes about 4-5 hours
DC Input Charging	Car Charging&Solar Charging,DC7909 Port, 12V ~30V/12A, 200W Max
Output Port	AC output: Unidirectional Inverter, 220V 50Hz
	USB-A1*2 output: QC3.0 18W, 5V/3A, 9V/2A,12V/1.5A USB-A2*2 output: 5V/2.4A, Max output 12W Type-C1 output: PD 100W, 5V/3A,9V/3A, 12V/3A, 15V/3A, 20V/5A Type-C2 output:PD 30W, 5V/3A, 9V/3A,12V/2.5A, 15V/2A, 20V/1.5A
	DC output: Cigarette Lighter port & DC5521*2 port,12V/10A, Max 120W
AC Output Waveform	Pure Sine Wave
LED Light	4 types light sources to switch,strong light -lowlight-flash-SOS
Safety Protection	Short-Circuit, Over-Current, Over-VoltageLow-Voltage, Over-Load, Over-Temperature
Battery Cycle Life	6000+Times
Support Functions	Pass-through charging,Emergency power supply, Intelligent car charging,Enhanced overload mode, Automatic recognition of grid system,UPS function.
Loudspeaker	2×6 inch, 30W+2×1.5 inch, 4W
Bluetooth Speaker Functions	5.0 Bluetooth transmittion, audio ambient lighting, U-disk input, music adjustment, true wireless stereo, microphone adjustment, LED Digital Display, remote control, wireless microphone
New Weight&Product Size	32.5KGS, 421x315x515mm
Environmental Operating Temperature	Charge Temperature: 0~40°C(32~104°F) Discharge Temperature: -20~40°C(-4~104°F)

*1: Test conditions, cell voltage 2.1V - 3.7V, 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.



LFP51.2-48 51.2V48AH

Outdoor Portable LifePO4 Battery



General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.


Bluetooth Connection


Short Circuit Protection


Temperature Protection


Charging Overvoltage Protection


Discharge Undervoltage Protection


OC/OD Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP51.2-48 51.2V48AH

Outdoor Portable LifePO4 Battery

Product Parameter

N.W	42.42KG	Size	520*514*314MM
Capacity	2458Wh	Cycle Life	about 1500 times
Rated Power	2400W, peak 4800W	Battery Type	LFP
Super Fast Charging	support	UPS Function	support
Standby Power Mode	support	Smart car charging	support
Enhanced Overload Mode	support	Auto identification of grid system	support
Capacity Expansion	(optional, need extra cost)		

Output

AC Output (×4)	Pure Sine Wave 220V 50Hz/60Hz	
USB-A output (×2)	5V/3A, 9V/2A,12V/1.5A Max Output 18W	
USB-B output (×2)	5V/2.4A	
Type-C output (×2)	(5/9/12/15V)/3A, 20V/5A Max Output 100W	
Type-C2 output (×2)	(5/9/V)/3A, 12V/2.5A, 15V/2A, 20V/1.5A Max Output 30W	
Car charger output	13V/10A	Car Charger Port、DC5521 Power Sharing Max Current 12A
DC5521 (×2)	13V/10A	
UPS Function Description	Startup time is less than 10ms and support emergency backup	

Input

AC Input	Variable power charging 1800W Max
XT60 port (Solar Input)	11V~105V, 25A Max Input 1300W MAX

Working Condition

Discharge Temperature	-20°C~40°C
Charging Temperature	0°C~40°C
Working Ambient Humidity	20~90%RH (no cold condensation phenomenon)
Storage Temperature	-10°C~45°C
Storage Ambient Humidity	<70%RH (no cold condensation phenomenon)
Altitud	<2000M

*Product performance data may vary due to different environmental factors. Please refer to the actual situation

*Please note that all specifications are changed without notice.



LFP51.2-72 51.2V72AH

Outdoor Portable LifePO4 Battery

General Feature

- Supports parallel expansion up to 16 parallel.
- Compatible with many mainstream inverter brands in the market.
- Built-in BMS system for battery life protection.
- Excellent safety: Lithium iron phosphate chemistry eliminates the risk of explosion or combustion.
- Wider temperature range: -20°C~60°C.



Bluetooth
Connection



Short Circuit
Protection



Temperature
Protection



Charging Overvoltage
Protection



Discharge Undervoltage
Protection



OC/OD
Protection

Application

- Solar/Wind Energy Storage System
- Communication Equipment
- Emergency Power System
- Medical Equipment
- UPS Backup Power
- Electric Vehicles/electric mobility
- Fire And Security System
- Lighting

*Please note that all specifications are changed without notice.

LFP51.2-72 51.2V72AH

Outdoor Portable LifePO4 Battery

Product Parameter

N.W	about 50KG	Size	370*280*560mm
Capacity	3686Wh	Cycle Life	about 1500 times
Rated Power	3600W, peak 7200W	Battery Type	LFP
Super Fast Charging	support	UPS Function	support
Standby Power Mode	support	Smart car charging	support
Enhanced Overload Mode	support	Auto identification of grid system	support
Capacity Expansion	(optional, need extra cost)		

Output

AC Output (×4)	Pure Sine Wave 110V~120V 50Hz/60Hz	
USB-A output (×2)	5V/3A, 9V/2A, 12V/1.5A Max Output 18W	
USB-B output (×2)	5V/2.4A	
Type-C output (×2)	(5/9/12/15V)/3A, 20V/5A Max Output 100	
Type-C2 output (×2)	(5/9V)/3A, 12V/2.5A, 15V/2A, 20V/1.5A Max Output 30W	
Car charger output	13V/10A	Car Charger Port、DC5521 Power Sharing Max Current 12A
DC5521 (×2)	13V/10A	
UPS Function Description	Startup time is less than 10ms and support emergency backup	

Input

AC Input	Variable power charging 3200W Max
XT60 port (Solar Input)	10~60V, 22A/Max input 800W

Working Condition

Discharge Temperature	-20°C~40°C
Charging Temperature	0°C~40°C
Working Ambient Humidity	20~90%RH (no cold condensation phenomenon)
Storage Temperature	-10°C~45°C
Storage Ambient Humidity	<70%RH (no cold condensation phenomenon)
Altitud	<2000M

*Product performance data may vary due to different environmental factors. Please refer to the actual situation

*Please note that all specifications are changed without notice.

06 | ENTERPRISE ADVANTAGE



We Focus On Providing High Quality OEM/ODM Service For Global Brand Customers

No matter you are a new startup brand Or a well-established brand You just need to focus on the marketing Anything else at the product side We'll do it all for you!



High - end Original Appearance ID Design



Low Threshold Whole Machine Mass Production Shipment



Control System Software And Hardware Development



365 Days * 24 Hours Service



Complete Machine Certification Assistance And Improvement

We have provided OEM/ODM services to 600 customers in 130+ countries around the world



Including: Africa, Middle East, Southeast Asia, United States, Germany, United Kingdom, Italy, Spain, France, Netherlands, Czech Republic, Japan, South Korea, Indonesia, Thailand, etc

WE COULD PROVIDE

- Print Your LOGO On Machine Body
- Use Your Customized Stickers and Labels
- Design Your Own User Manual
- Design Your Own Packing Box
- Assist You To Complete Testing / Certification Like CE/CB/UL/ETL,etc
- Assist You To Develop And Upgrade The Product
- Sign A Sole Agency To Protect Your Exclusive Sales Rights In Your Market
- Appearance Personalized Design
- Complete Machine Structural Design
- Supporting Scheme Customization
- System Integrated Design
- Quick Cooperation in Prototyping
- Cooperation in Various Product Certifications
- Personalized Video Animation Production
- Large - scale Intelligent Manufacturing Production
- Full - process Quality Assurance
- Customs Inspection and Shipment Docking