

51.2V 200Ah

LiFePO4 Powerwall Home Energy Storage Battery



Key Feature

- A Grade Full New Quality Cells.
- Each battery built-in BMS.
- Communication protocol : RS485/RS232/ CAN.
- Maintenance free & Low self discharge & Fast and efficient charging.

Protection

- Over charge detection function
- Over discharge detection function
- Over current detection function
- Temperature protection function
- Short circuit detection function
- Balance function
- Upper computer software monitor

• Long cycle life

Using high-quality lithium iron phosphate batteries, the cycle life is more than 6000 times at 80% DOD, and can be used 10-15 years

• Intelligent BMS battery protection

Built-in intelligent BMS (battery management system), effectively avoiding overcharge, overdischarge, overcurrent, short-circuit, balance and other problems

51.2V 200Ah (16S2P, 150A / BMS)

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• High quality prismatic lithium iron phosphate battery

Higher capacity, higher current, longer life

• Communicated with multiple brands inverter same time

Battery BMS supports simultaneous communication and docking with multiple brands inverter

51.2V 280Ah (16S1P, 150A / BMS)

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Protection

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- Over discharge detection function
- Over current detection function
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- Short circuit detection function
- Balance function
- Upper computer software monitor

• Low internal resistance and high current

Low internal resistance of the battery, excellent continuous high current discharge performance

• Good safety performance

Extreme safety test, no fire, no explosion, no leakage

Product Model

Product specification	51.2V 200Ah
Nominal voltage	51.2V
Nominal capacity	200Ah
Cell type	(LFP)
Max charge voltage	57.9V
Max charge current	100A
End of voltage	46.4V
Max discharge current	100A
Parallels function	Support 16 units in parallels
Communication interface	RS485, RS232, CAN (Optional)
Cycle life	>6000 Cycles (80% DOD, 25 °C)
Charge temperature range	0~ 60 °C
Discharge temperature range	0~ 60 °C
Colour	White
Dimensions	421.6*635*259MM
Weight	80Kg
Installation method	(Wall mounted)

Product Model

Product specification	51.2V 200Ah
Nominal voltage	51.2V
Nominal capacity	200Ah
Cell type	(LFP)
Max charge voltage	57.9V
Max charge current	100A
End of voltage	46.4V
Max discharge current	150A
Parallels function	Support 16 units in parallels
Communication interface	RS485, RS232, CAN (Optional)
Cycle life	>6000 Cycles (80% DOD, 25 °C)
Charge temperature range	0~ 60 °C
Discharge temperature range	0~ 60 °C
Colour	White
Dimensions	421.6*635*259MM
Weight	106 Kg
Installation method	(Wall mounted)

Product Model

Product specification	51.2V 280Ah
Nominal voltage	51.2V
Nominal capacity	280Ah
Cell type	(LFP)
Max charge voltage	57.9V
Standard Charging Current	0.2C
End of voltage	46.4V
Max discharge current	150A
Parallels function	Support 16 units in parallels
Communication interface	RS485, RS232, CAN (Optional)
Cycle life	>6000 Cycles (80% DOD, 25 °C)
Charge temperature range	0~ 60 °C
Discharge temperature range	0~ 60 °C
Colour	White
Dimensions	500*249*930MM
Weight	125Kg
Installation method	(Wall mounted)



POWER BOX SERIES

- LFP High-capacity Li-ion battery
- Support on/off-grid
- Modular Design: Flexible expandability, plug and play, reduce operation and maintenance costs
- Self-developed BMS, complex protection, safe and reliable

Data Sheet	POWERBOX 48V 100AH	POWERBOX 21.2V 100AH	POWERBOX 48V 200AH	POWERBOX 51.2V 200AH
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System Demo



Dimension (H x W x D) (mm)	442*460*180	442*460*180	442*680*180	442*680*180
Weight (Kgs)	42	44.7	75.3	78.5
Degree Of Protection	IP20	IP20	IP20	IP20
Operation Temperature	0 °C ~ 45 °C	0 °C ~ 45 °C	0 °C ~ 45 °C	0 °C ~ 45 °C
Storage Temperature	0 °C ~ 25 °C	0 °C ~ 25 °C	0 °C ~ 25 °C	0 °C ~ 25 °C
Cycle Life (80% Dod @ 25C)	>6000	>6000	>6000	>6000
Operation Life (Years)	10	10	10	10
Communication Port	RS485/ CAN	RS485/ CAN	RS485/ CAN	RS485/ CAN
Operation Altitude (m)	<3000	<3000	<3000	<3000
Humidity Conditions (%)	5%~95%	5%~95%	5%~95%	5%~95%
Warranty (Years)	5	5	5	5
Installation	Ground Mounted	Ground Mounted	Ground Mounted	Ground Mounted

SPECIFICATION

Nominal Storage Capacity (Wh)	4800	5120	9600	10240
Voltage (V)	48	51.2	48	51.2
Operating voltage Range (V)	48-50	51-53	48-50	51-53
Max. Continuous Charging Current(A)	50	50	100	100
Max. Continuous Discharging Current(A)	50	50	100	100
Depth of Discharge (%)	80	80	80	80
Battery Cell Material	Lithium (LifePO4)	Lithium (LifePO4)	Lithium (LifePO4)	Lithium (LifePO4)

Certification CE,IEC62619 (Cell & Pack), UL1973,CEC, UN3.3



POWERING YOUR FUTURE

Innovations in Renewable Energy for a sustainable world



Our battery compatible with more than 20 brands inverter worldwide



LIFEPO4 BATTERIES

Renewable Energy
ENERGY STORAGE SYSTEMS



Hotline - 095129120

No-592, Bo Aung Kyaw Street, Yangon-Pathein Highway Road, Hlaing Thar Yar Township, Yangon



အနံ့နံ့

ထွန်းပျံ့လာ ဂရပ်ဖစ်ဒီဇိုင်း

ဖိတ်စာ နှင့်

အဆင့်မြင့်ရောင်စုံပုံနှိပ်လုပ်ငန်း

No. (221), 32nd Street(Upper Block), Behind Sule Shangri-la Hotel, Pabedan Township, Yangon.

Tel : +95-9-73044396, +95-9-777790140, +95-9-9420906002E-mail : thunnadi99@gmail.com, thunnadipress2012@gmail.com

Quotation

စဉ်	အမျိုးအမည်	စက္ကူအမျိုးအစား	ဆိုဒ်	ကာလာ	ဦးရေ	နှုန်း	မှတ်ချက်
	Winning Way RE-BU Battery Pamphlet	Artcard250g	A4	4C (6 pages)	1000	1450	1450,000

Design & Offset Printing



Seven K

Last seen 4 min ago



ကျွန်းသံလွင်လုပ်ငန်းစဉ် ပုံနှိပ်စာရွက်
ကိုပုံနှိပ်ပေးလိုက်တာပါခင်ဗျာ

10:10 AM

7K

* Pamphlet

Paper = Art Paper 128g

Print = 4 Colors

(Two Sides)

Size = A4

(Not Include Design)

- Qty = 300 Sheets

One Sheet = 770 k

- Qty = 500 Sheets

One Sheet = 530 ks

- Qty = 1000 Sheets

One Sheet = 350 k



* Pamphlet

Paper = Art Paper 150g

Print = 4 Colors

(Two Sides)

Size = A4

(Not Include Design)

- Qty = 300 Sheets

One Sheet = 790 k

- Qty = 500 Sheets

One Sheet = 550 ks

- Qty = 1000 Sheets

One Sheet = 370 k

10:10 AM



Message...

