

ET-51.2V100/200/280/314Ah-LV Powerbox Energy Storage



- **Reliable**

Lithium Iron Phosphate (LFP) Battery, safety, high density, small self-discharge, no memory effect, etc. Equipped with protective cut-off switch.

- **Flexible**

Multiple capacity battery packs are available to meet a wide range of energy storage needs. Simple installation, rack stacking or battery cabinet installation, small footprint, low economic cost. Max. 15units in parallel with same specifications.

- **Smart**

Equipped with BMS management system, voltage, current, temperature collection, intelligent adjustment of charge and discharge power, almost compatible with all brand inverter communication in the market.

Equipped display and SOC indicator light, easy to observe the real-time status of the battery, switch communication protocols.

- **Cooperation**

Supports customization, OEM/ODM.

- **Quality Assurance**

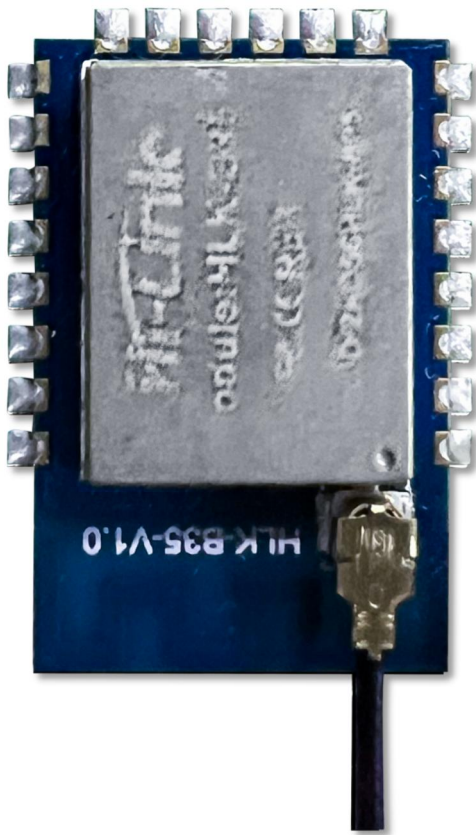
Five years free warranty, additional five years of technical support.

Technical Parameters

Model	51.2V100Ah-LV	51.2V200Ah-LV	51.2V280Ah-LV	51.2V314Ah-LV
Main Parameter				
Battery Chemistry	LiFePO4			
Nominal Capacity (Ah)	100	200	280	314
Nominal Voltage (V)	51.2V			
Operating Voltage(V)	46.4~57.6			
Nominal Energy (kWh)	5.12	10.24	14.34	16.08
Usable Energy (kWh)	4.61 (90%DOD)	9.22 (90%DOD)	12.9 (90%DOD)	14.47 (90%DOD)
Scalability	Max. 15 pcs pack in parallel			
Rated DC Power(kW)	2.56	4.1	7.17	7.17
Max DC Power(kW)	4.1	6.14	10.24	10.24
Charge/Discharge Current (A)	Recommend:50 Max:80	Recommend:80 Max:120	Recommend:140 Max:200	Recommend:140 Max:200
Other Parameter				
Recommend Depth of Discharge	0.9			
Dimension (W/D/H,mm)	355*567*150	383*605*240	387*745*240	387*745*240
Weight Approximate(kg)	42.5	77	102.2	105.4
IP Rating of Enclosure	IP20			
Operating Temperature	0℃~60℃			
Storage Temperature	0℃~35℃			
Humidity	5%~85%			
Altitude	≤2000m			
Cycle Life	≥6000 times	≥6000 times	≥10000 times	≥11000 times
Installation	Stack Mounting, Iron Frame Mounting			
Cooling Mode	Natural Cooling			
Communication Port	CAN,RS485, RS232			
Warranty Period	10 years (5+5)			
Certification	UN38.3,MSDS,CE,ROHS	UN38.3,MSDS,CE,ROHS,IEC62619		

The current is affected by temperature and SOC

LOW VOLTAGE WIFI MONITORING



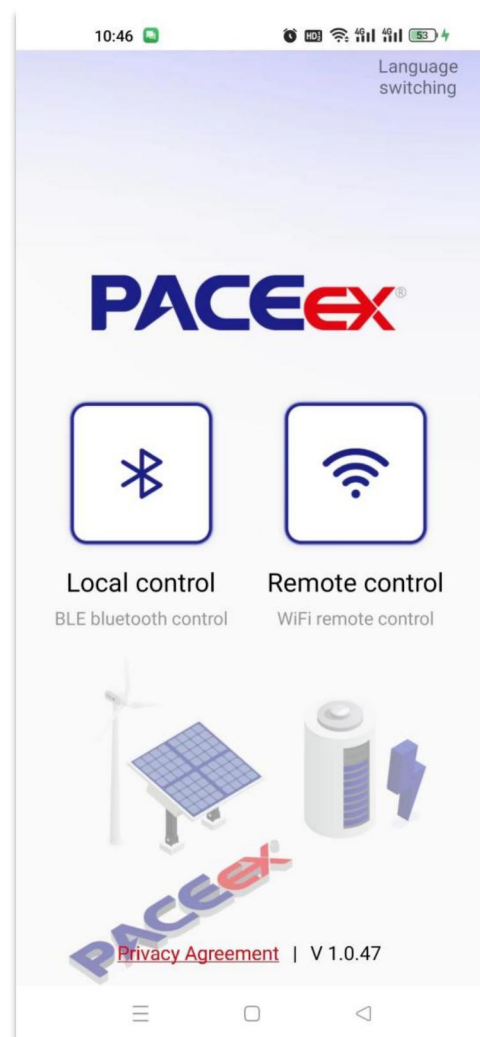
MODEL: (ALL BATTERY WITH PACE BMS)

Together with our BMS supplier PACE, we developed a battery-built-in WiFi monitoring device that supports local Bluetooth and WiFi remote connection methods.

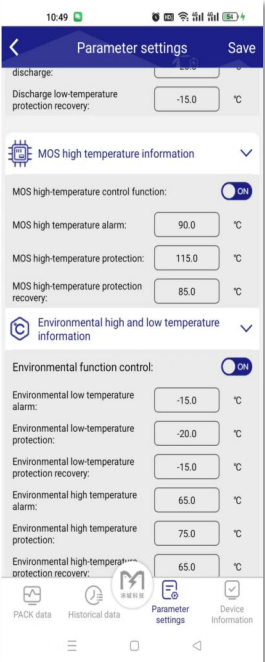
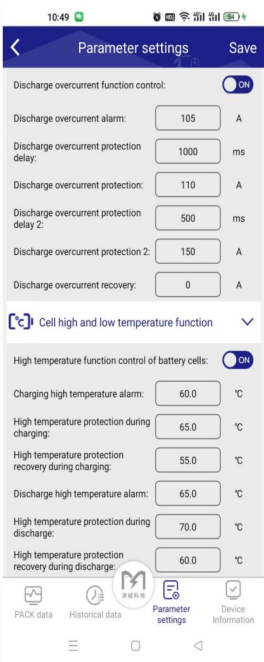
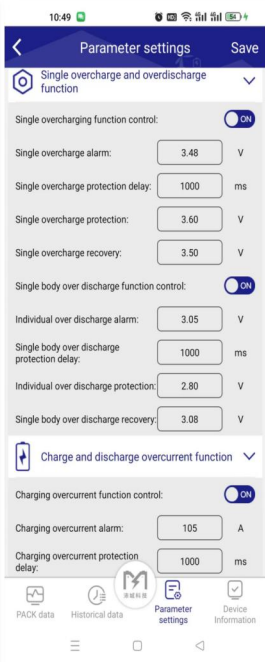
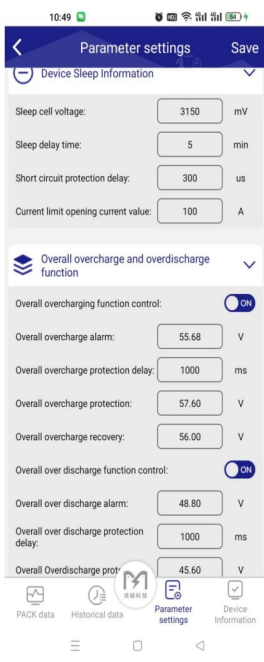
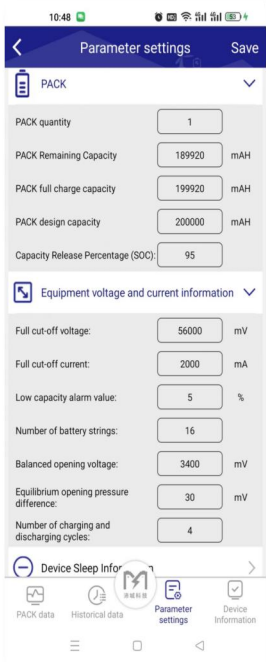
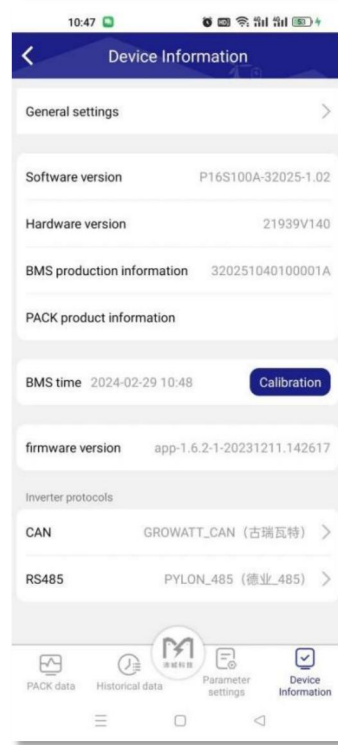
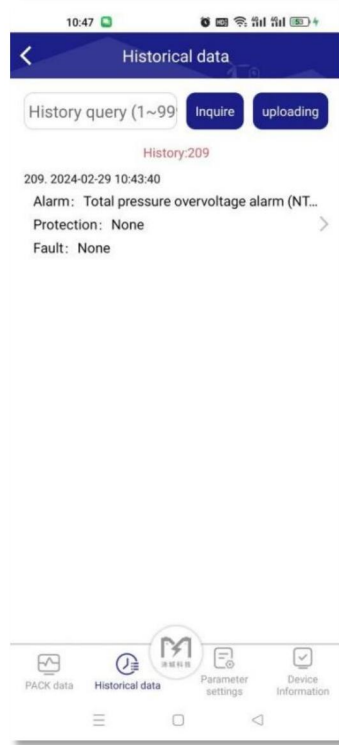
Support switching between Chinese and English.

Local Control: BLE Bluetooth communication, directly search for the nearby Bluetooth signal, a pair of continuous connection, control devices, no account login, do not do binding records, that is, ready to use.

Remote Control: WiFi communication, which realizes the purpose of controlling the device rather than in the same geographical location. It requires account registration and login, records the binding between the account and the device, and requires distribution network operation.



APP INTERFACE DISPLAY



COMMUNICATION SUPPORT INVERTER

Low Voltage

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NEXT
Next Power

MEGAREVO

SUMRY

LU X POWER^{TEK}

SOROTEC®
Power Solutions Expert

TBB POWER

SRNE 碩日

GOODWE

Voltronic Power
Advancing Power



High Voltage

GROWATT
古 瑞 瓦 特

SGFAR

GOODWE

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MEGAREVO

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KOYOE

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LU X POWER^{TEK}

