

ELECUBE-5K/WALV-10K LV Wall-Mounted Energy Storage



- **Safer**

Lithium Iron Phosphate (LFP) Battery, free of cobalt and other flammable and explosive elements, DOD up to 90%, high economic effect.

- **Flexible**

Max. 15units in parallel, expand capacity and power.

- **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.

Standard display, easy to observe the real-time status of the battery, switch communication protocol, etc.

- **Eco-Friendly**

Use environmental protection materials, the whole module non-toxic, pollution-free.

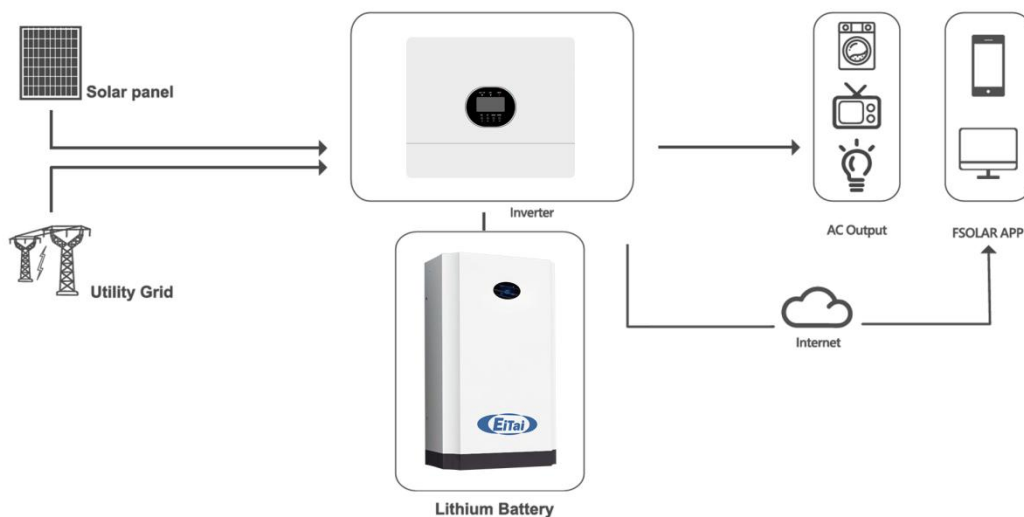
- **Quality Assurance**

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

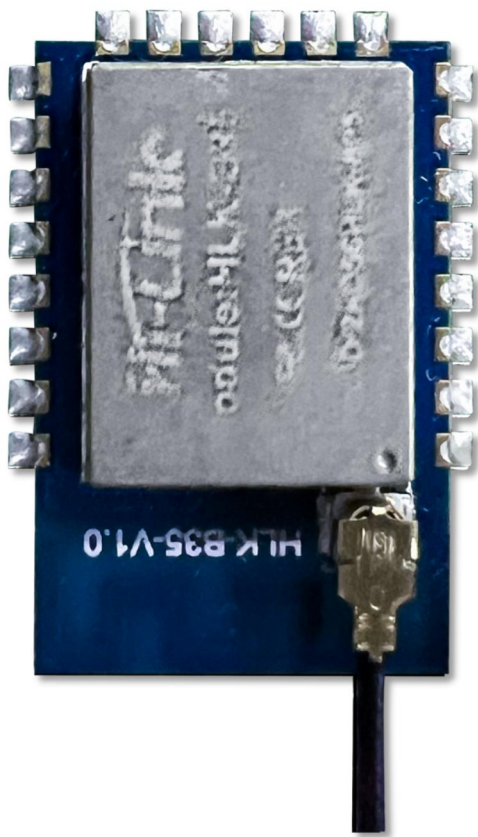
Technical Parameters

Model	ELECUBE-5K	WALV-10K
Main Parameter		
Battery Chemistry	LiFePO4	
Nominal Capacity (Ah)	100	200
Nominal Voltage (V)	51.2	
Operating Voltage(V)	46.4~57.6	
Nominal Energy (kWh)	5.12	10.24
Usable Energy (kWh)	4.61 (90%DOD)	9.22 (90%DOD)
Scalability	Max. 15 pcs pack in parallel	
Rated DC Power(kW)	2.56	4.1
Max DC Power(kW)	3.58	6.14
Charge/Discharge Current (A)	Recommend:50	Recommend:80
	Max:70	Max:120
Other Parameter		
Recommend Depth of Discharge	0.9	
Dimension (W/D/H,mm)	420*173*674	421.6*259*635
Weight Approximate(kg)	58	90
IP Rating of Enclosure	IP65	
Operating Temperature	0°C~60°C	
Storage Temperature	0°C~35°C	
Humidity	5%~95%	
Altitude	≤2000m	
Cycle Life	≥6000 times	
Installation	Wall-Mounted	Wall-Mounted, Floor-Mounted
Cooling Mode	Natural Cooling	
Communication Port	CAN,RS485, RS232	
Warranty Period	10 years (5+5)	
Certification	CE, IEC62619, MSDS, ROHS, UN38.3	CE, IEC62619, CB, MSDS, ROHS, UN38.3, JIS C 8715

The current is affected by temperature and SOC



LOW VOLTAGE WIFI MONITORING



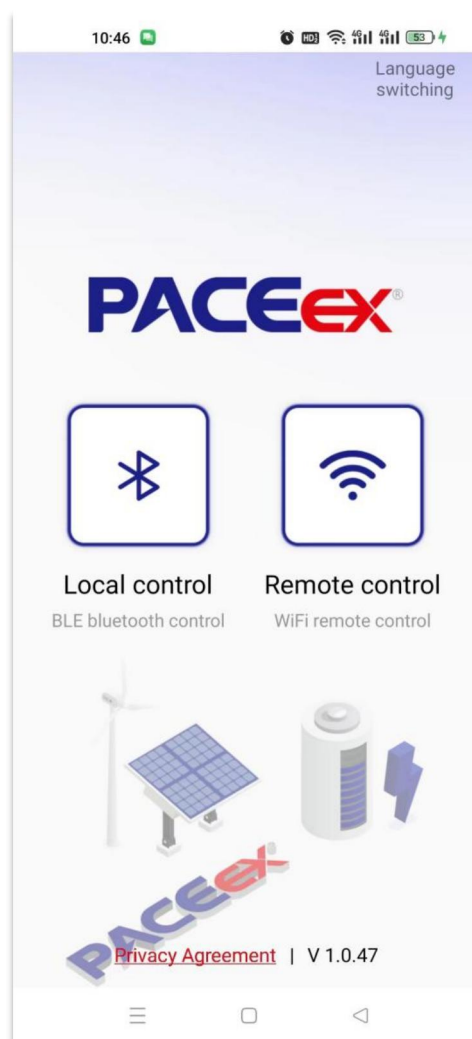
MODEL: (ALL BATTERY WITH PACE BMS)

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

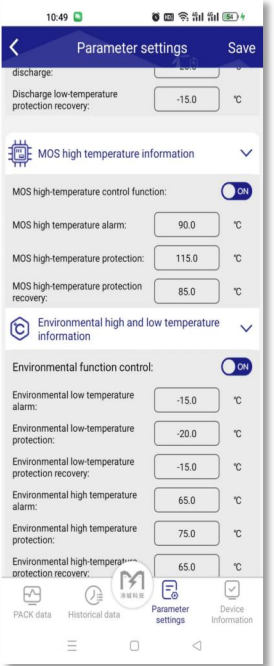
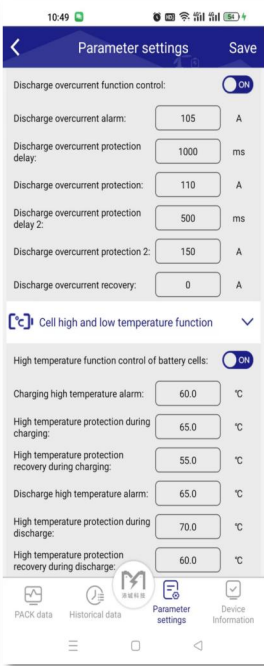
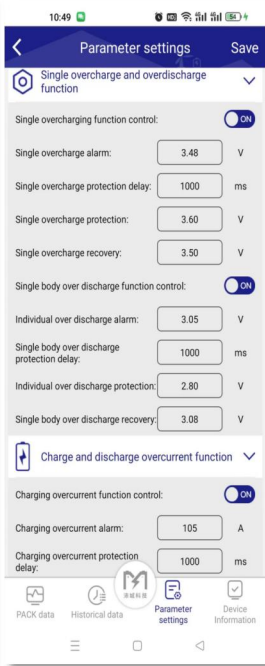
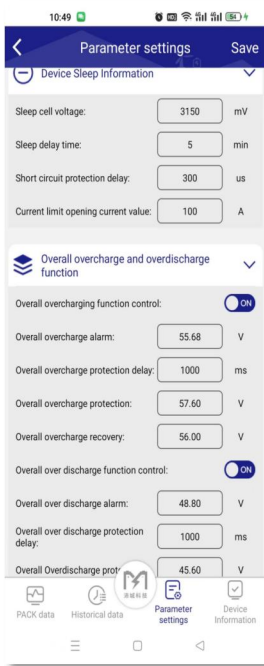
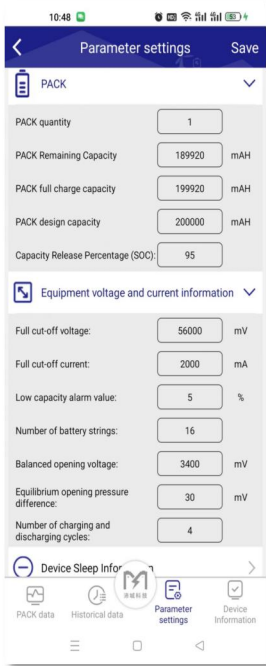
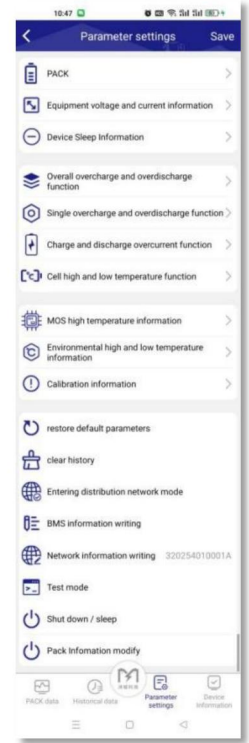
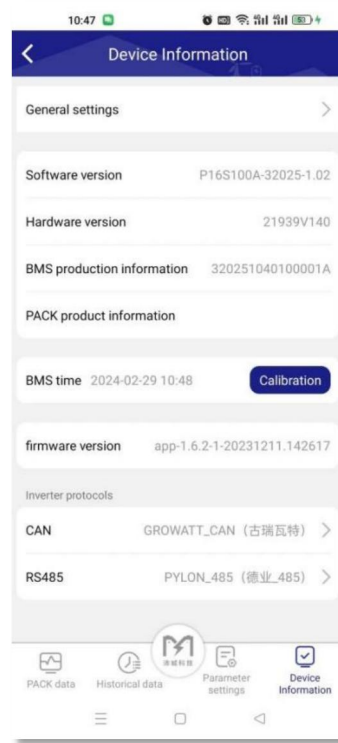
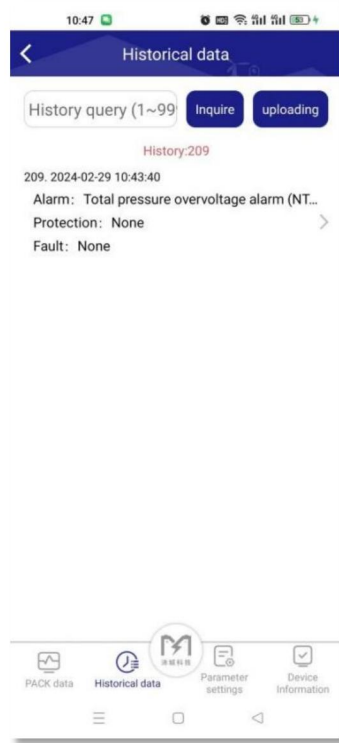
Support switching between Chinese and English.

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

Deye 德業®

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古 瑞 瓦 特

SGFAR

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Afore

NEXT
Next Power

MEGAREVO

SUMRY

LU X POWER^{TEK}

SOROTEC®
Power Solutions Expert

TBB POWER

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GOODWE

Voltronic Power
Advancing Power



High Voltage

GROWATT
古 瑞 瓦 特

SGFAR

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MEGAREVO

Afore

KOYOE

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LU X POWER^{TEK}

