

# ELESHELL-14.3 /16K Low-Voltage Floor Energy Storage



- **Safer**

Cobalt Free Lithium Iron Phosphate (LFP) Battery, 10000+cycle times, high efficiency and high-energy density.

- **Smart**

Equipped with BMS management system, almost compatible with all brand inverter communication in the market.

Max. support 200A discharge, the same capacity to meet more loads.

WIFI module optional, can monitor, adjust and upgrade from mobile APP.

- **Convenient**

Floor mounting, equipped with 4pcs universal wheel for carrying and moving, Max. 15units in parallel.

- **Eco-Friendly**

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

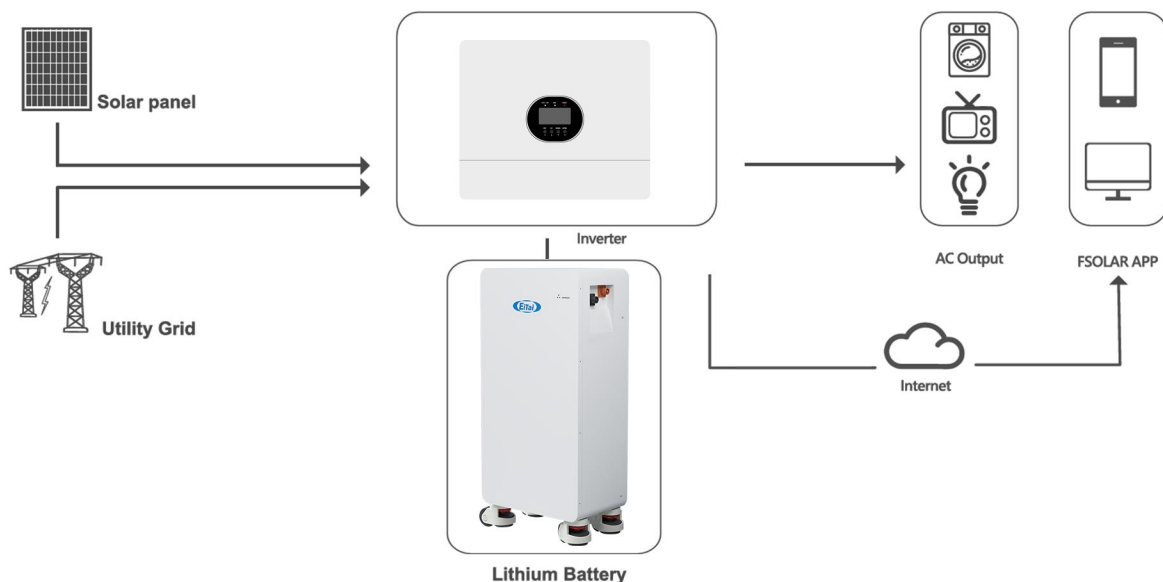
- **Quality Assurance**

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

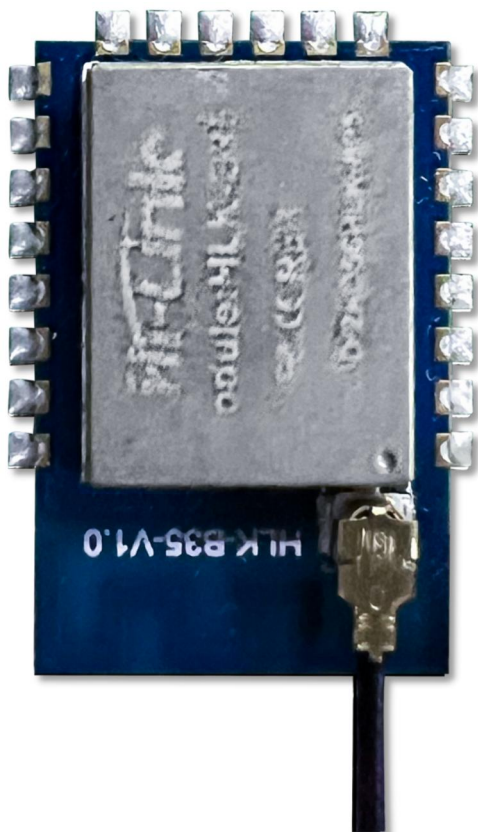
# Technical Parameters

Model	ELESHELL 14.3K	ELESHELL 16K
<b>Main Parameter</b>		
Battery Chemistry	LiFePO4	
Nominal Capacity (Ah)	280	314
Nominal Voltage (V)	51.2	
Operating Voltage(V)	46.4~57.9	
Nominal Energy (kWh)	14.34	16.08
Usable Energy (kWh)	12.9 (90%DOD)	14.47 (90%DOD)
Scalability	Max. 15 pcs pack in parallel	
Rated DC Power(kW)	7.17	
Max DC Power(kW)	10.24	
Charge/Discharge Current (A)	Recommend:140 Max:200	
<b>Other Parameter</b>		
Recommend Depth of Discharge	0.9	
Dimension (W/D/H,mm)	415*255*780	
Weight Approximate(kg)	127	129
IP Rating of Enclosure	IP54	
Operating Temperature	0°C~60°C	
Storage Temperature	0°C~35°C	
Humidity	5%~95%	
Altitude	≤2000m	
Cycle Life	≥10000 times	≥11000 times
Installation	Floor-Mounted	
Cooling Mode	Natural Cooling	
Communication Port	CAN,RS485, RS232	
Warranty Period	10 years (5+5)	
Certification	CE、IEC62619、MSDS、UN38.3、ROHS	

The current is affected by temperature and SOC



# LOW VOLTAGE WIFI MONITORING



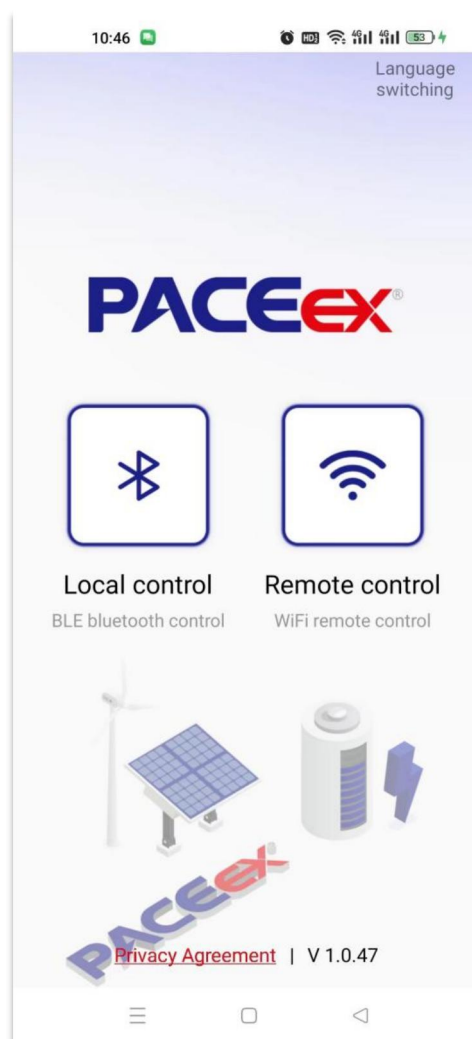
## MODEL: (ALL BATTERY WITH PACE BMS)

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

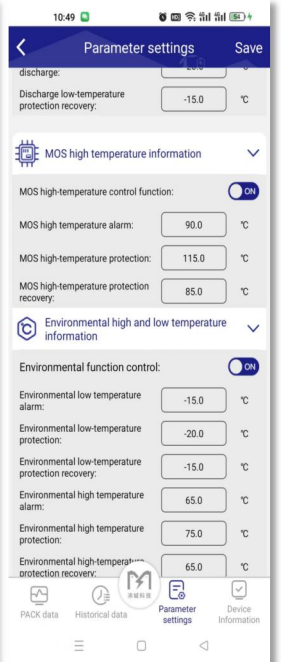
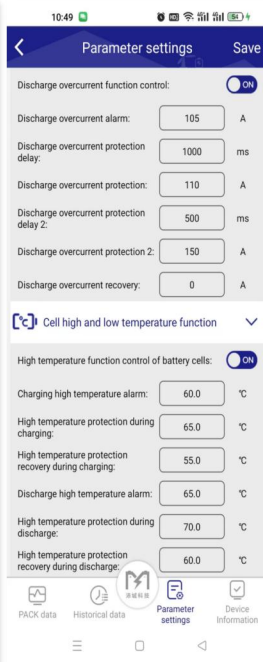
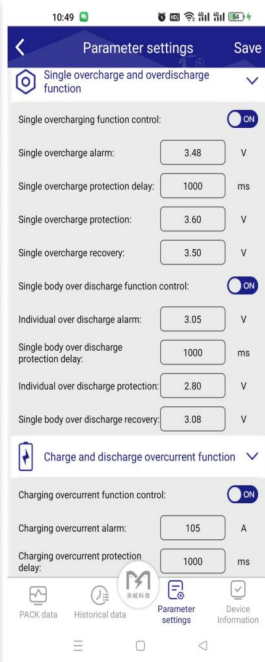
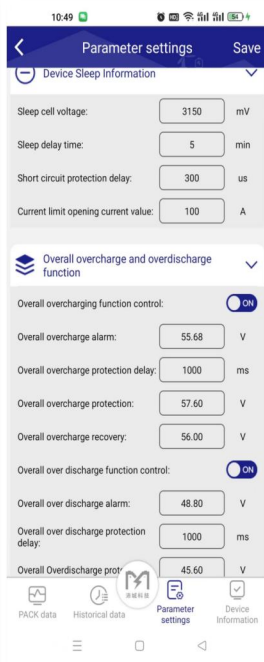
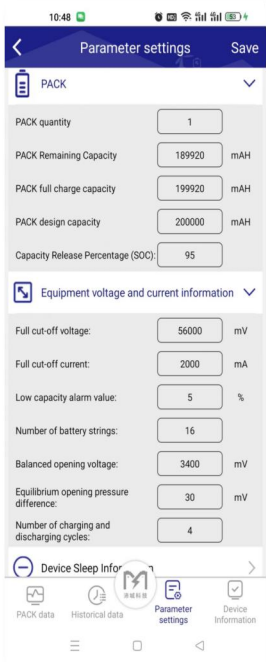
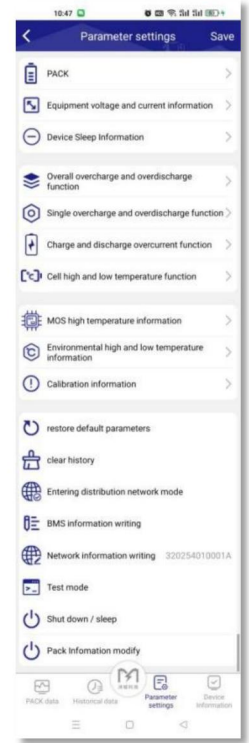
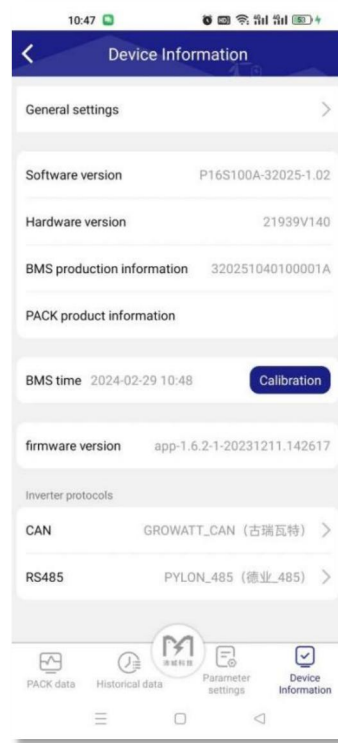
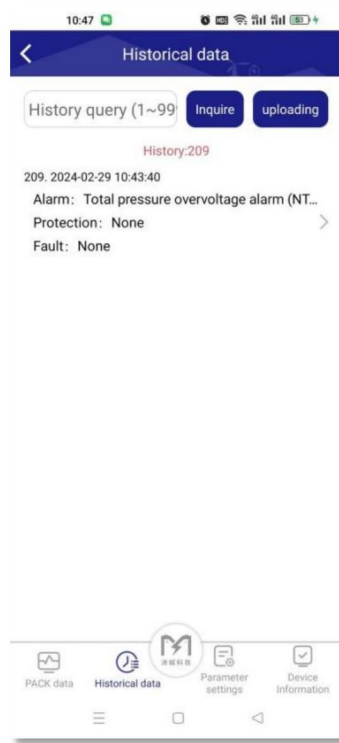
Support switching between Chinese and English.

**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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SOROTEC®  
Power Solutions Expert

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MEGAREVO

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