ET-51.2V100Ah-HV Rack/Cabinet 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. Single set can expand to 17units (85kWh), Max. 4 sets in parallel (340kWh capacity). Simple installation, rack stacking or battery cabinet installation, small footprint, low economic cost.

- **Smart**

Equipped with BMS management system, voltage, current, temperature collection, intelligent adjustment of charge and discharge power.

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

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

- **Cooperation**

Supports customization, OEM/ODM.

- **Quality Assurance**

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

Technical Parameters

Model	ET-51.2V100Ah-HV						
Main Parameter							
Cell Chemistry	LiFePO4						
Module Energy	5.12 (kWh)						
Module Nominal Voltage	51.2 (V)						
Module Capacity	100 (Ah)						
Module Dimension	355*567*150 (W/D/H,mm)						
Module Weight Approximate	42.5 (kg)						
Battery Module Qty In Series	4 (Optional)	5 (Optional)	6 (Optional)	7 (Optional)	8 (Optional)	9 (Optional)	10 (Optional)
System Nominal Voltage	204.8 (V)	256 (V)	307.2 (V)	358.4 (V)	409.6 (V)	460.8 (V)	512 (V)
System Operating Voltage	185.6~230.4 (V)	232~288 (V)	278.4~345.6 (V)	324.8~403.2 (V)	371.2~460.8 (V)	417.6~518.4 (V)	464~576 (V)
System Energy	20.48 (kWh)	25.6 (kWh)	30.72 (kWh)	35.84 (kWh)	40.96 (kWh)	46.08 (kWh)	51.2 (kWh)
System Usable Energy (kWh)	18.43(90%DOD)	23.04 (90%DOD)	27.65 (90%DOD)	32.26 (90%DOD)	36.86 (90%DOD)	41.47 (90%DOD)	46.08 (90%DOD)
Charge/Discharge Current	Recommend：50(A) Max：50(A)						
Working Temperature	0~60 (°C)						
Cooling Mode	Natural Cooling						
Communication Port	CAN/RS485						
Humidity	5%~85%RH						
Altitude	≤2000m						
IP Rating of Enclosure	IP21						
Dimension	355*567*830 (W/D/H,mm)	355*567*1000 (W/D/H,mm)	355*567*1170 (W/D/H,mm)	355*567*1340 (W/D/H,mm)	355*567*1510 (W/D/H,mm)	355*567*1680 (W/D/H,mm)	355*567*1850 (W/D/H,mm)
Weight Approximate	185(kg)	227.5(kg)	270(kg)	312.5(kg)	355(kg)	397.5(kg)	440(kg)
Iron Frame Dimension	355*567*1370(W/D/H,mm)			355*567*2050(W/D/H,mm)			
Iron Frame Weight Approximate	45 (kg)			56 (kg)			
Installation Location	Stack Mounting，Iron Frame Mounting						
Storage Temperature	0~35(°C)						
Recommend Depth of Discharge	0.9						
Cycle Life	≥6000 times						
Warranty	10 years (5+5)						
Certification	UN38.3,MSDS,CE,ROHS						
The current is affected by temperature and SOC							

HIGH VOLTAGE WIFI MONITORING

MODEL: (ALL BATTERY WITH PACE BMS)

Together with our BMS supplier UDAN, we developed a battery-built-in WIFI monitoring device that supports local Bluetooth and WIFI remote connection methods.
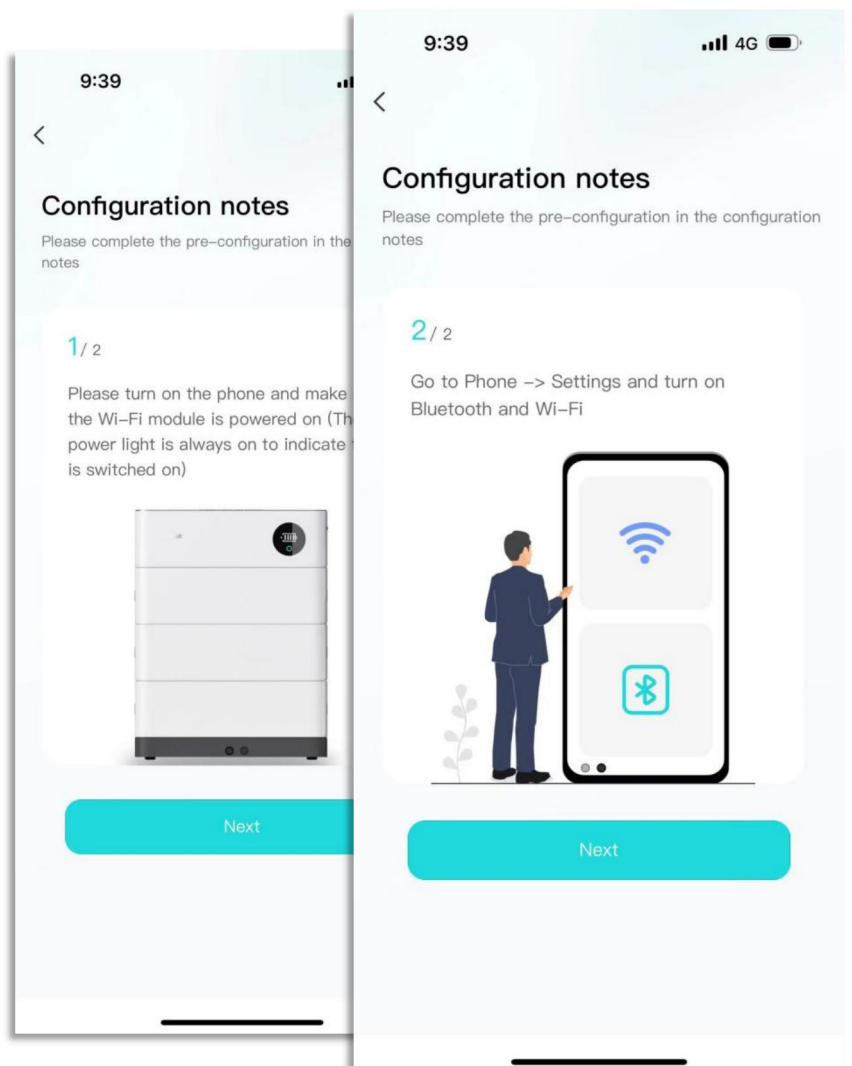
Support switching between Chinese and English.

Preparation before distribution: Ensure that the device is on , turn on the mobile phone Bluetooth and wireless LAN functions.
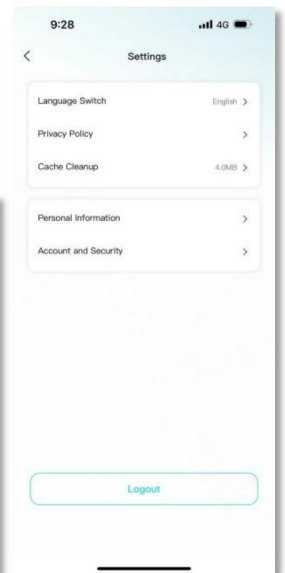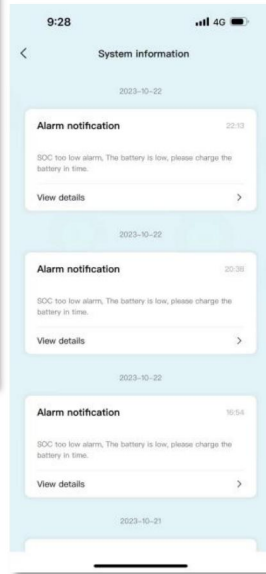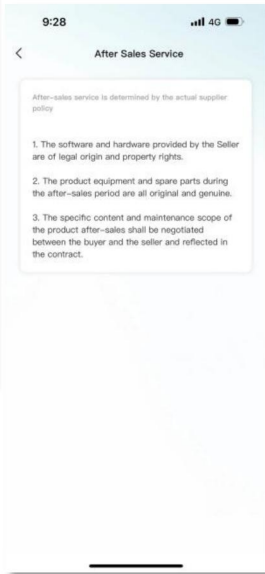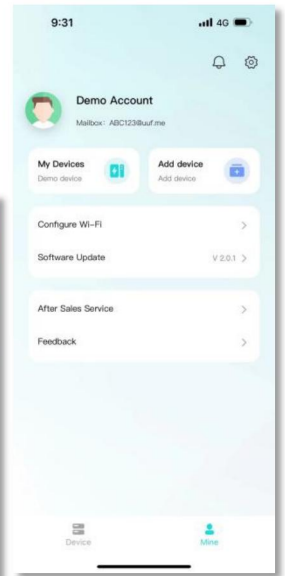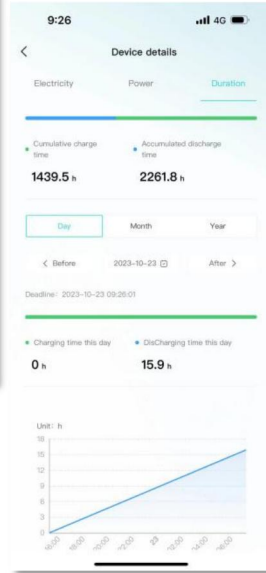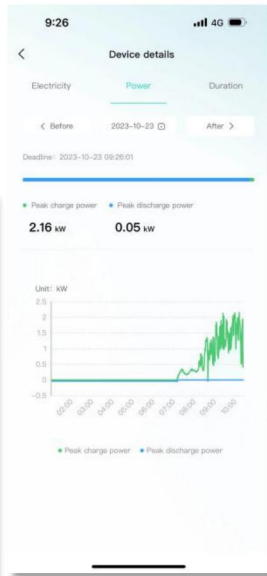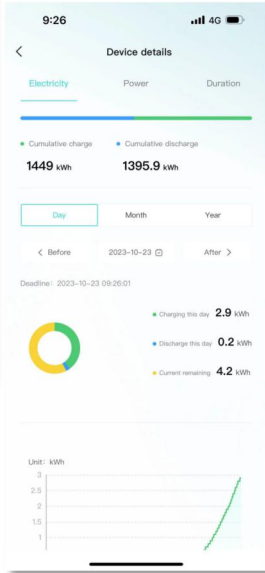
Connected devices: The current App supports Bluetooth search, device scanning, and manual input of SN code .

Connect to WiFi: After the device is connected, enter the WiFi connection process.

• Select the WiFi you want to use and click the "Connect" button. Enter the WiFi password and click the "Finish" button to distribute the network.

9:39

Configuration notes
Please complete the pre-configuration in the notes

1/ 2

Please turn on the phone and make the Wi-Fi module is powered on (The power light is always on to indicate is switched on)

Next

9:39   .ıll 4G

Configuration notes
Please complete the pre-configuration in the configuration notes

2/ 2

Go to Phone –> Settings and turn on Bluetooth and Wi-Fi

Next

APP INTERFACE DISPLAY

COMMUNICATION SUPPORT INVERTER

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