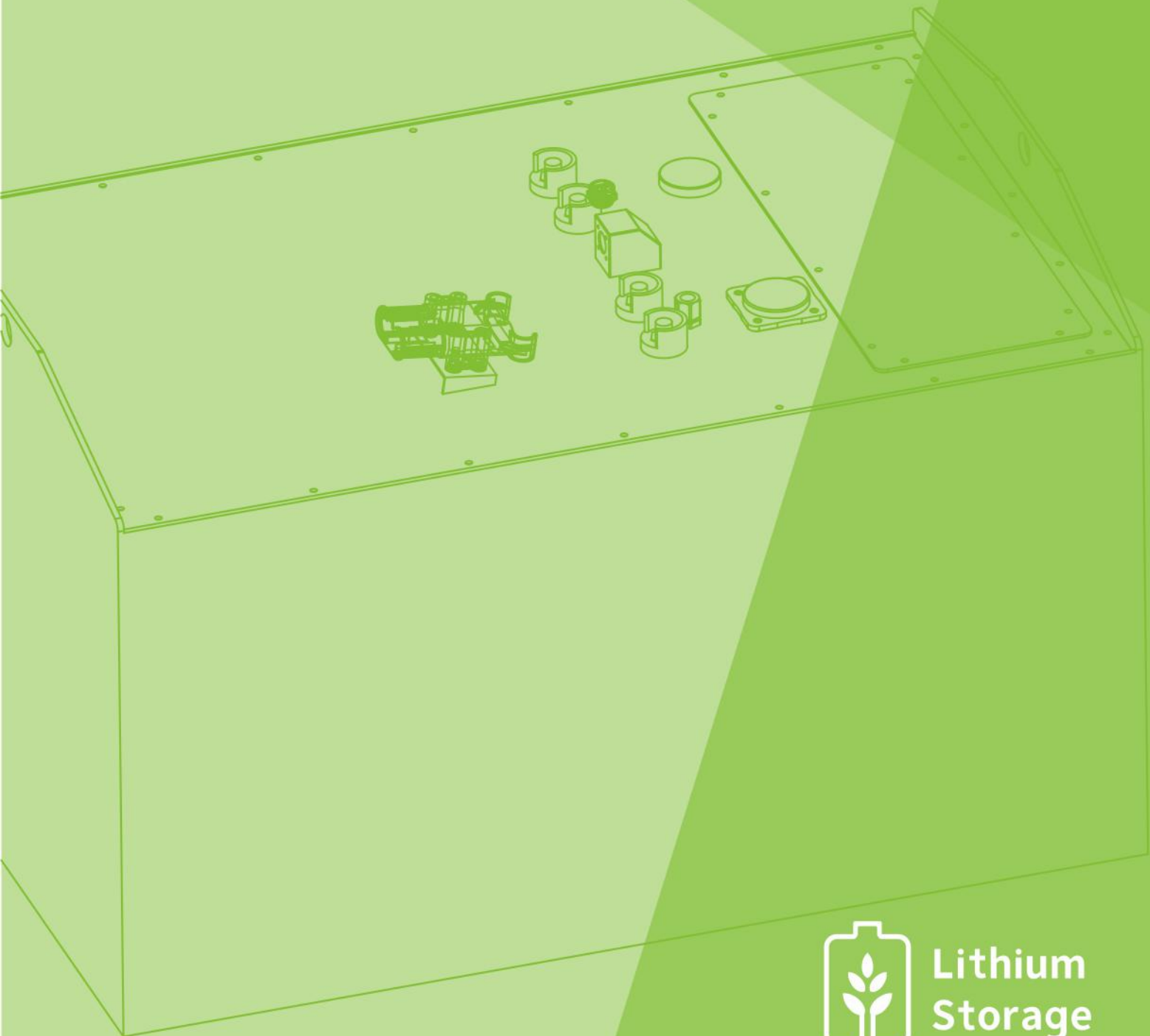


YOUR PROFESSIONAL LITHIUM BATTERY SOLUTION PROVIDER



**Lithium
Storage**

SMART FLT SERIES

Forklift Lithium Battery 83.2V412Ah & 83.2V554Ah



LITHIUM STORAGE provides a fully customized smart lithium-ion battery adaptable solution for forklifts. We select outer box and inner box combination solutions to design our forklift lithium batteries, inter-box for batteries, outer-box for dimension and additional weight. The advantage of this design is to maximize adapting to more forklift brands and models by using the same inner box. Our fully featured customizable solution can retrofit forklift brands including Toyota, Crown, Hyundai, HELI, LINDE, Yale, Mitsubishi, NICHYU, and Jungheinrich.



ITEM	Parameter 83.2V412Ah 206Ah2P26S	Parameter 83.2V554Ah 277Ah2P26S	NOTE
Nominal voltage(V)	83.2	83.2	
Operating voltage(V)	min	65	65
	max	94.9	94.9
Group mode	2P26S	2P26S	
Nominal energy (KWh)	34.28	46.09	25±2°C
Weight(Kg)	≈380kg	≈420kg	not additional weight
Nominal capacity(Ah)	412	554	25±2°C
Maximum continuous charge current (A)	200	200	25±2°C
Maximum continuous discharge current (A)	200	200	25±2°C
Maximum pulse discharge current(≤5s) (A)	550	550	25±2°C
Shipping consistency (mv)	30	30	Voltage difference between cell <30mV
Charging port	Customizable	Customizable	
Discharging port	Customizable	Customizable	
GPRS communication	/	/	4G optional
SOC operating range(%)	20~100	20~100	
Insulation requirements(MΩ)	≥20	≥20	500V DC, High voltage output to battery shell, at the normal temperature and humidity
cooling method	Natural cooling	Natural cooling	
Shipping capacity	≈30%	≈30%	SOC is consistency in the same batch
Dimension L (mm)	970	992	Outer box dimension can be customizable according to the brand and model of forklifts
Dimension B (mm)	570	596	
Dimension H (mm)	485	609	
Charger	Optional	Optional	

CHARACTERISTIC

- Remote&Onsite Product Support
- GPS&GPRS function
- Charger communication commissioning
- Charge and discharge connector adaption
- Vehicle CAN communication support

- Customization service against different brand of forklifts
- IP 54 structure design
- Flexible supply in additional weight
- Interactive integrated Display with voice, buzz and switch button

INTELLIGENT CLOUD-NETWORK

Full cloud interconnection between device terminals to cloud terminal enabling the following monitoring functions online.

- Monitor the operation record and status of forklift batteries in real-time
- Realize remote alarm and early warning
- Trace software and hardware information
- Supports the BMS program air upgrade and parameter re-setting

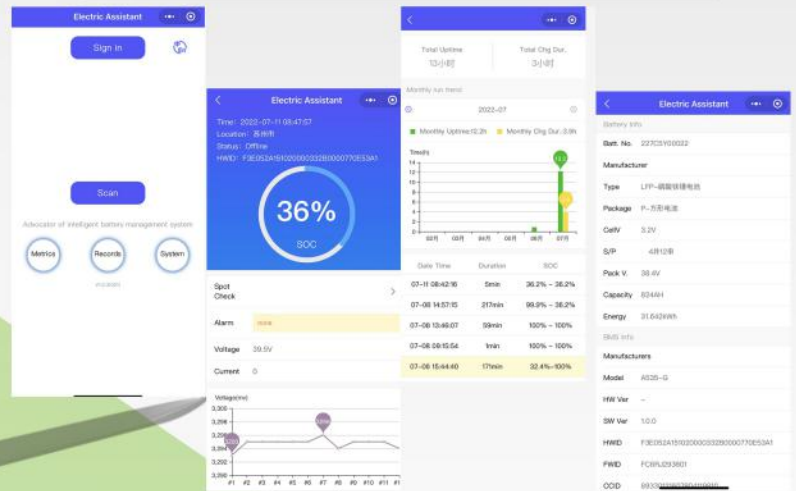
Battery information can be tracked through the device QR code from the following access.



Phone App: Battery Pack Assistant

Applet of WeChat

Web Gate



Lithium
Storage

info@lslithiumbattery.com

www.lslithiumbattery.com

Nanjing office | Wenzhou Factory | UK Branch

+86-(0)25-87736807

+86-(0)25-87739887