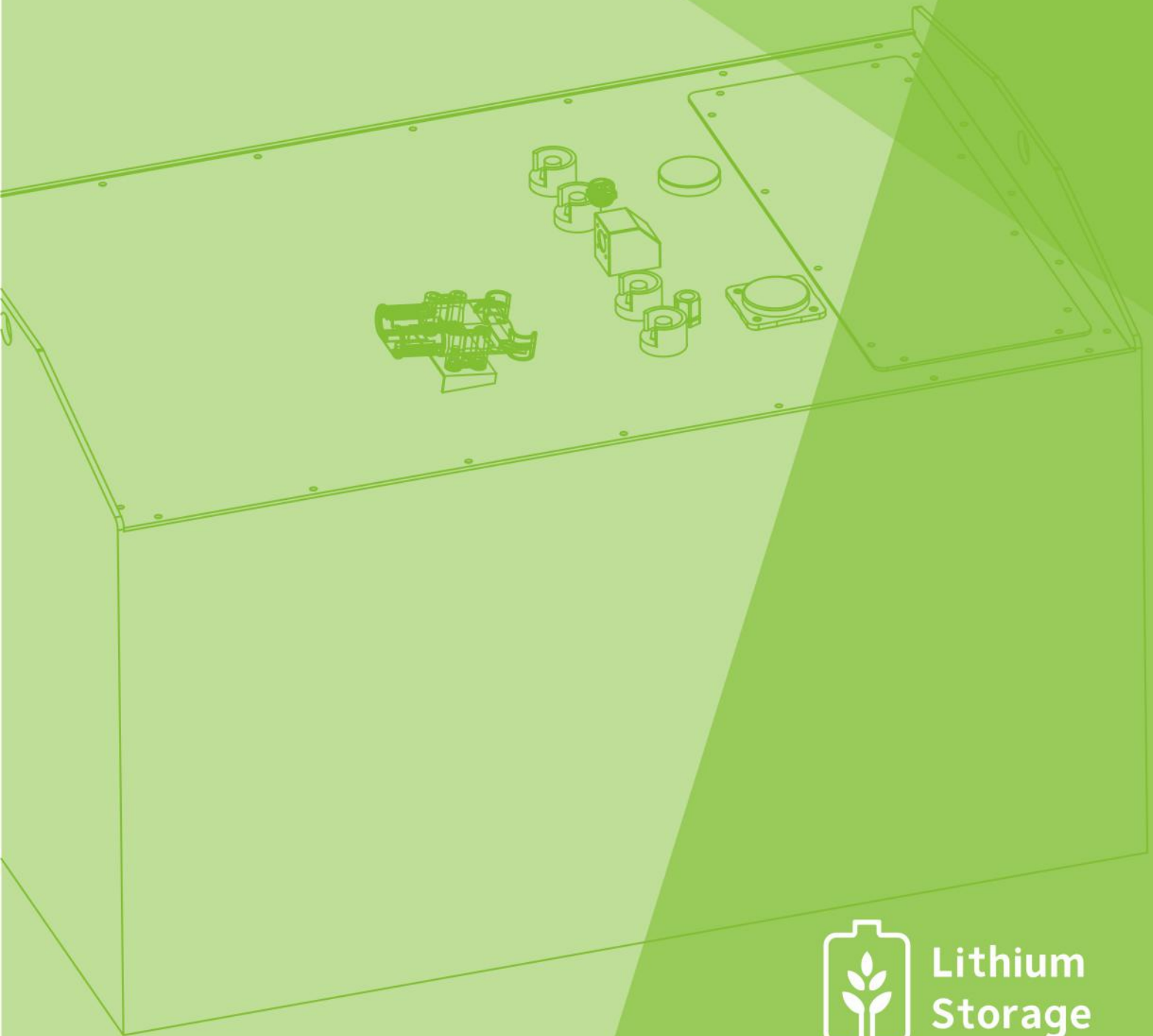


YOUR PROFESSIONAL LITHIUM BATTERY SOLUTION PROVIDER



**Lithium
Storage**

SMART FLT SERIES

Forklift Lithium Battery 51.2V300Ah, 51.2V412Ah, 51.2V460Ah & 51.2V554Ah



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 51.2V300Ah 150Ah2P16S	PARAMETER 51.2V412Ah 206Ah2P16S	PARAMETER 51.2V460Ah 230Ah2P16S	PARAMETER 51.2V554Ah 277Ah2P16S	NOTE
Nominal voltage(V)	51.2	51.2	51.2	51.2	
Operating voltage(V)	min	40	40	40	
	max	58.4	58.4	58.4	
Group mode	2P16S	2P16S	2P16S	2P16S	
Nominal energy (KWh)	15.36	21.09	23.55	28.36	25±2°C
Weight(Kg)	≈200kg	≈230kg	≈230kg	≈270kg	not additional weight
Nominal capacity(Ah)	300	412	460	554	25±2°C
Maximum continuous charge current (A)	150	200	200	200	25±2°C
Maximum continuous discharge current (A)	300	200	300	200	25±2°C
Maximum pulse discharge current (≤5s) (A)	550	550	550	550	25±2°C
Shipping consistency (mv)	30	30	30	30	Voltage difference between cell <30mV
Charging port	REMA320A (female)	Customizable	REMA320A (female)	Customizable	Customizable
Discharging port	SB350A	Customizable	SB350A	Customizable	Customizable
GPRS communication	/	/	/	/	4G optional
SOC operating range (%)	20~100	20~100	20~100	20~100	
Insulation requirements(MΩ)	≥20	≥20	≥20	≥20	500V DC, High voltage output to battery shell, at the normal temperature and humidity
cooling method	Natural cooling	Natural cooling	Natural cooling	Natural cooling	
Shipping capacity	≈30%	≈30%	≈30%	≈30%	SOC is consistency in the same batch
Dimension L (mm)	970	800	970	830	For Heli CPB25 and Toyota 8FBN18
Dimension B (mm)	500	530	560	474	Outer box dimension can be customizable according to the brand and model of forklifts
Dimension H (mm)	405	450	405	600	
Charger	Optional	Optional	Optional	Optional	

CHARACTERISTIC

- Remote & Onsite Product Support
- Customization service against different brand of forklifts
- GPS & GPRS function
- IP 54 structure design
- Charger communication commissioning
- Flexible supply in additional weight
- Charge and discharge connector adaption
- Interactive integrated Display with voice, buzz and switch button
- Vehicle CAN communication support

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

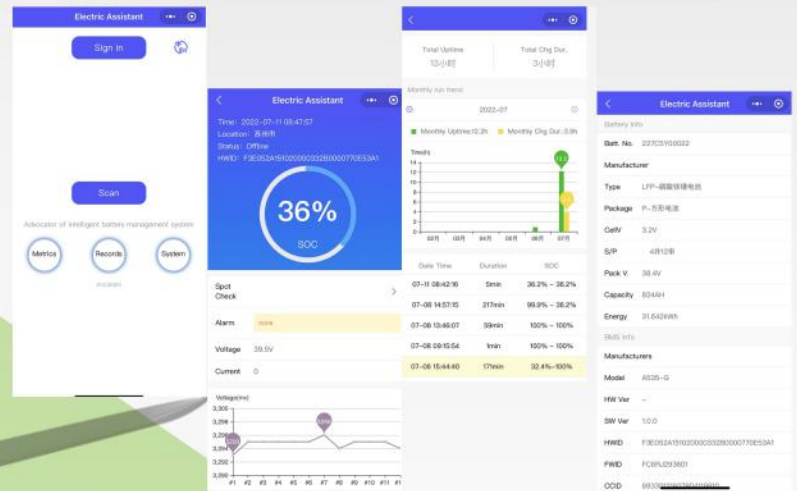
Battery information can be tracked through the device QR code from the following access.



 Phone App: Battery Pack Assistant

 Applet of WeChat

 Web Gate



Lithium Storage

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