



ENERGY STORAGE SYSTEM

E-Forklift Lithium Battery

Main Features



ALL-WEATHER BATTERY

Works safely and efficiently in certain high and low temperature environments. Charging with self-heating function when temperatures at -20°C and discharge rate can still up to 80%.



MAINTENANCE FREE

No daily maintenance work and costs.



ULTRA SAFE

More thermal and chemical stability and multiple built-in protection functions make the battery more reliable and stable.



LONG LIFE

Over 3 times longer than the lifetime of lead-acid batteries, 10 years design life,



LESS ENERGY CONSUMPTION

Low internal resistance and high efficiency.



LESS CO₂ EMISSIONS

Reduce carbon footprint and no hazardous fumes or acid spills.

Technical Parameter

Specification	25.6V150Ah	25.6V230Ah	51.2V460Ah	51.2V608Ah	80V840Ah
Battery cell type	LiFePO4				
Rated Voltage	25.6V	25.6V	51.2V	51.2V	80V
Rated Capacity	150Ah	230Ah	460Ah	608Ah	840Ah
Rated Energy	3840Wh	5888Wh	23552Wh	31129Wh	67200Wh
Internal resistance	≤60mΩ				
Combination type	8S1P	8S1P	16S2P	16S2P	25S3P
Working voltage	25.6V	25.6V	48V	51.2V	80V
Discharge cutoff voltage	21.6V	21.6V	44V	43.2V	66.25V
Charging voltage(MAX.)	29.2V	29.2V	58.4V	58.4V	91.25V
Maximum discharge duration current	120A	200A	300A	300A	300A
Maximum instantaneous discharge current	180A(10S)	250A(10S)	350A(10S)	400A(10S)	400A(10S)
Dimensions (mm)	660*142*290	750*172*657	1212*347*784	1220*424*784	1029*1000*774
Weight	110KG	180KG	930KG	1120KG	1600KG
Cycle life	≥4000	≥4000	≥4000	≥4000	≥4000
Storage temperature			0℃~40℃		
Working Temperature	0℃~55℃(Charge) / -20~60℃(Discharge)				
Humidity			0~95% (no condensation)		
Communication	485 interface				
Others(optional)	Heating function(<0℃ automatic heating),LCD Display,CAN interface				
Pre-charge function with discharge					

