



HYNER TECHNOLOGY

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+92 370 1834954  
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Li-ion Battery Specification

Application

The specification is applicable to Guangzhou HYNER Energy Co., LTD with basic performance, technical requirements, testing method, warning and caution of the Li-ion rechargeable battery.



Performance specifications

No	Item	General Parameter	Remark
1	Model	LiFePO <sub>4</sub> –16S1P	
2	Standard capacity	Typical: 100Ah ±5%	
3	Rated voltage	51.2V	Single cell 3.2V
4	Rated energy	5120Wh ±5%	
5	Max. charge voltage	About 56.8V	Single cell reaches 3.65V protection
6	Cut-off voltage	About 44.8V	Single cell reaches 2.7V protection
7	Standard charge current	≤100A	
8	Standard discharge current	≤100A	
9	Max continuous discharge current	≤120A	
10	Cut-off current	130 ±10A	Load removed
11	Cycle life	>6000 cycles @≥70% SOH	
12	Weight	About 43 kg	
13	Charge method: Standard charging	0 to 45°C	
14	Standard discharge	-10 to 55°C	
15	Warranty	5 Years	Fare usage policy applicable

Disclaimer:

This data sheet may change without notice at the sole discretion of the manufacturer.