

Testing Date	22-Aug-19
Ambient Temperature	32 ± 2°C
Document No.	KST-HT08S04P-FXE-01

LiFePO4 24V 15.2Ah Rack eBike Battery



Battery Pack Specifications

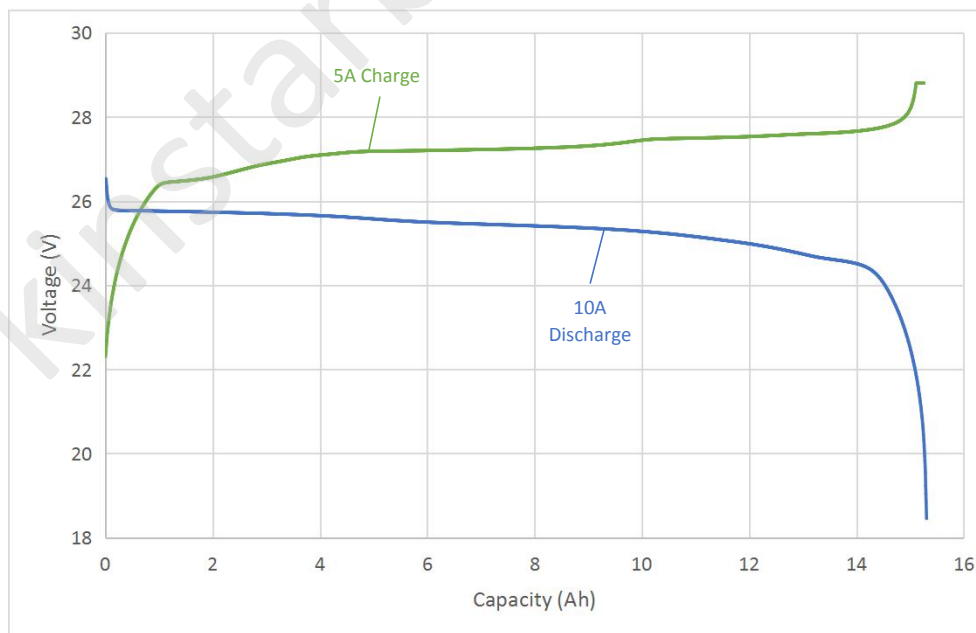
Cell Model	KinStar IFR26650XE
Configuration	4P8S
Nominal Capacity	15.2Ah
Minimum Capacity	15Ah
Nominal Voltage	25.6V
Nominal Energy Content	389.12Wh
Charge Voltage	28.8V
Standard Charge Current	3A
Max. Charge Current	4A
Max. Continuous Discharge Current	30A
Peak Discharge Current	60A
Discharge Cut-off Voltage	16V
Gross Weight (Approx.)	4.5KG
Dimensions	68×156×432mm
Charge Connector	Female DC5521
Discharge Connector	30A Anderson
Operating Temperature	Charge: 0°C to 45°C Discharge: -20°C to 60°C

BMS Specifications

Number Of Cluster	8S
Charge And Discharge Port	Different
Max. Allowed Charge Current	5A
Max. Continuous Discharge Current	30A
Overcharge Protection Voltage	31.2 ± 0.2V
Overdischarge Protection Voltage	16.0 ± 0.5V
Overload Protection Current	60 ± 10A
Overheat Protection Temperature	65°C
External Shortcircuit Protection	Available

Test	Conditions	Test Result
10A Discharge To	18.45V	15.3Ah

Typical discharge profiles (10A - 0.66C rate)



Preliminary specifications, performance may vary depending on use conditions and application. KinStar makes no warranty explicit or implied with this test report. Contents subject to change without notice.