

Testing Date	21-Aug-19
Ambient Temperature	22 ± 2°C
Document No.	KST-HT10S6P-M26-01

Battery Pack Specifications

Cell Model	LG INR18650 M26
Configuration	6P10S
Nominal Capacity	15.6Ah
Minimum Capacity	15Ah
Nominal Voltage	36V
Nominal Energy Content	561.6Wh
Charge Voltage	42V
Standard Charge Current	3A
Max. Charge Current	4A
Max. Continuous Discharge Current	25A
Peak Discharge Current	50A
Discharge Cut-off Voltage	27.5V
Gross Weight (Approx.)	4.2KG
Dimensions	68×156×432mm
Charge Connector	Female DC5525
Discharge Connector	30A Anderson
Operating Temperature	Charge: 0°C to 45°C Discharge: -20°C to 60°C

Li-ion 36V 15.6Ah Rack eBike Battery

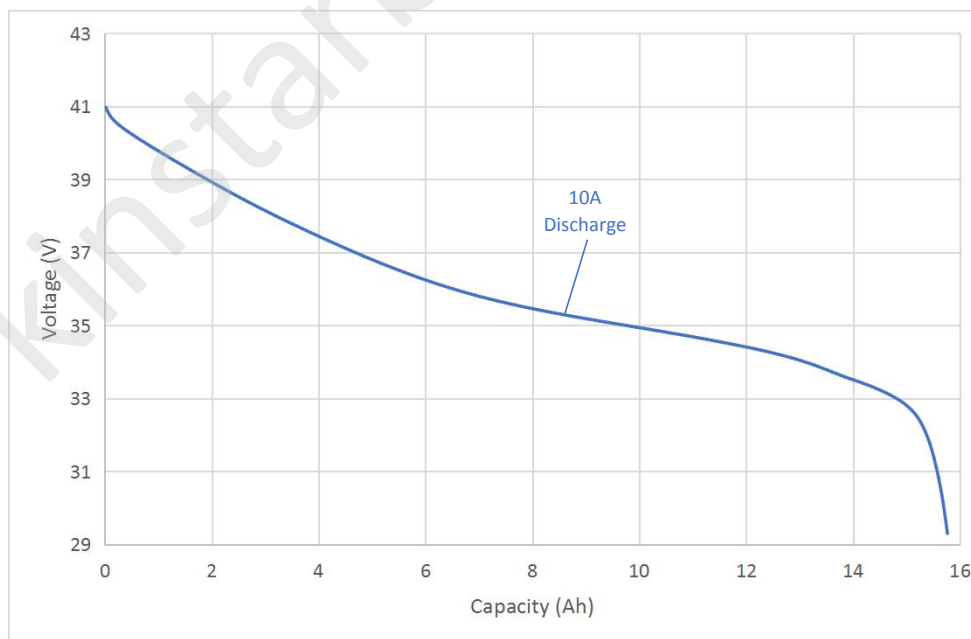


BMS Specifications

Number Of Cluster	10S
Charge And Discharge Port	Different
Max. Allowed Charge Current	5A
Max. Continuous Discharge Current	25A
Overcharge Protection Voltage	42.5 ± 0.25V
Overdischarge Protection Voltage	28.0 ± 0.80V
Overload Protection Current	55 ± 10A
Overheat Protection Temperature	65°C
External Shortcircuit Protection	Available

Test	Conditions	Test Result
10A Discharge To	29.3V	15.765Ah

Typical discharge profiles (10A - 0.64C 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.