

Testing Date	6-Jun-16
Ambient Temperature	32 ± 2°C
Document No.	KST-PV08S2P-FMP-01

Battery Pack Specifications

Cell Model	KinStar IFR26650MP
Configuration	2P8S
Nominal Capacity	6Ah
Minimum Capacity	5.8Ah
Nominal Voltage	25.6V
Nominal Energy Content	153.6Wh
Charge Voltage	28.8V
Standard Charge Current	3A
Max. Charge Current	6A
Max. Continuous Discharge Current	30A
Peak Discharge Current	60A
Discharge Cut-off Voltage	20V
Gross Weight (Approx.)	1.65KG
Dimensions	75×85×225mm
Charge Connector	N/A
Discharge Connector	N/A
Operating Temperature	Charge: 0°C to 45°C Discharge: -20°C to 60°C

LiFePO4 24V 6Ah Battery Pack



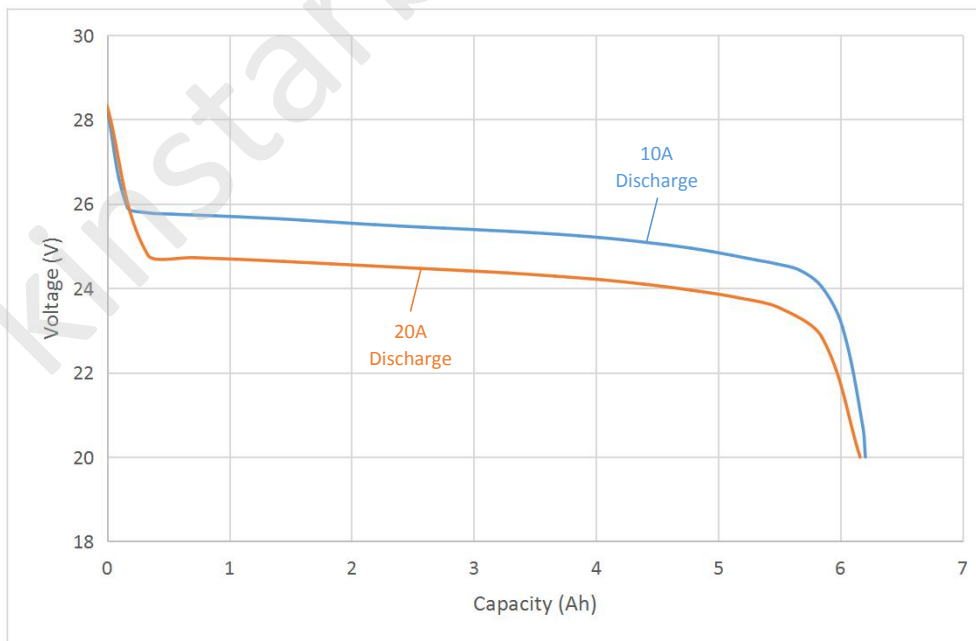
BMS Specifications

Number Of Cluster	8S
Charge And Discharge Port	Same
Max. Allowed Charge Current	30A
Max. Continuous Discharge Current	30A
Overcharge Protection Voltage	30.4 ± 0.2V
Overdischarge Protection Voltage	16 ± 0.2V
Overload Protection Current	100 ± 10A
Overheat Protection Temperature	65°C
External Shortcircuit Protection	Available

Test Conditions and Results

Test	Conditions	Test Result
10A Discharge To	20V	6.2Ah

Typical discharge profiles (10A - 1.67C rate; 20A - 3.33C 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.