

Testing Date	25-Oct-19
Ambient Temperature	30 ± 2°C
Document No.	KST-PC04S42P-FUE-01

**Battery Pack Specifications**

Cell Model	KinStar IFR26650UE
Configuration	42P4S
Nominal Capacity	151.2Ah
Minimum Capacity	149Ah
Nominal Voltage	12.8V
Nominal Energy Content	1935Wh
Charge Voltage	14.4V
Standard Charge Current	30A
Max. Charge Current	50A
Max. Continuous Discharge Current	50A
Peak Discharge Current	100A
Discharge Cut-off Voltage	10V
Gross Weight (Approx.)	15KG
Dimensions	410×175×240mm
Charge Connector	M5 Screws
Discharge Connector	M5 Screws
Operating Temperature	Charge: 0°C to 45°C Discharge: -20°C to 60°C

**LiFePO4 12.8V 150Ah Battery Pack**



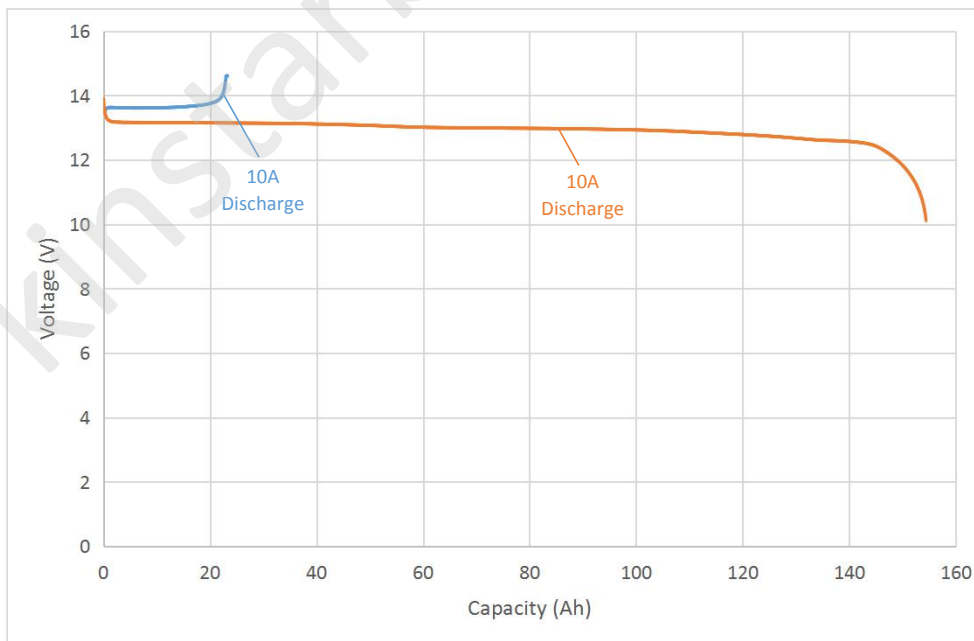
**BMS Specifications**

Number Of Cluster	4S
Charge And Discharge Port	Same
Max. Allowed Charge Current	50A
Max. Continuous Discharge Current	50A
Overcharge Protection Voltage	15.6 ± 0.1V
Overdischarge Protection Voltage	8 ± 0.1V
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	10V	154.442Ah

**Typical discharge profiles (10A - 0.07C 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.