

Testing Date	8-Sep-19
Ambient Temperature	30 ± 2°C
Document No.	KST-PV13S6P-NSE-01

Battery Pack Specifications

Cell Model	KinStar INR18650SE
Configuration	6P13S
Nominal Capacity	15Ah
Minimum Capacity	14.7Ah
Nominal Voltage	46.8V
Nominal Energy Content	702Wh
Charge Voltage	54.6V
Standard Charge Current	3A
Max. Charge Current	5A
Max. Continuous Discharge Current	18A
Peak Discharge Current	40A
Discharge Cut-off Voltage	35.75V
Gross Weight (Approx.)	3.80KG
Dimensions	72×120×270mm
Charge Connector	DC5521
Discharge Connector	30A Anderson
Operating Temperature	Charge: 0°C to 45°C Discharge: -20°C to 60°C

Li-ion 48V 15Ah Battery Pack

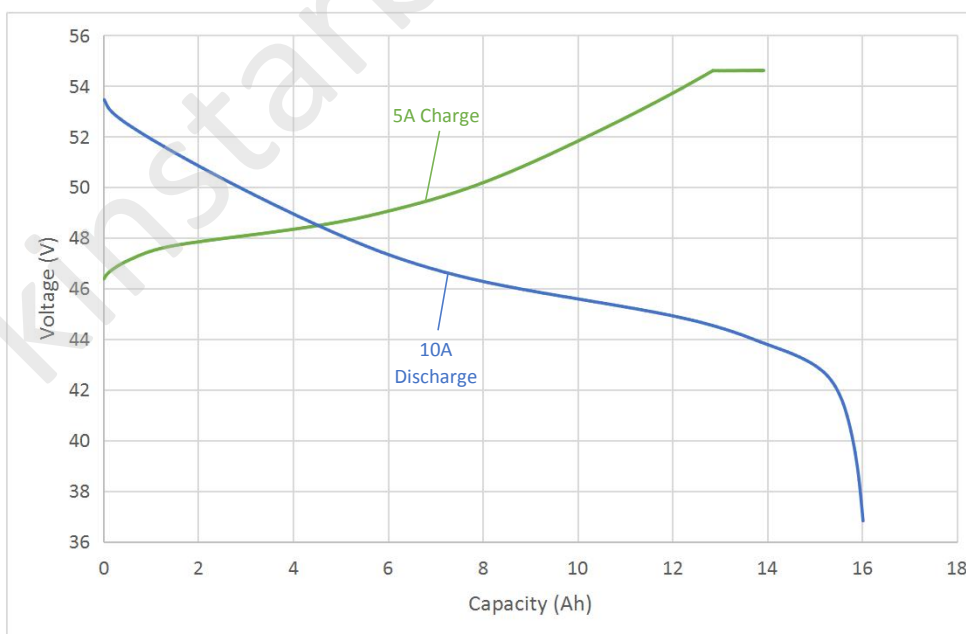


BMS Specifications

Number Of Cluster	13S
Charge And Discharge Port	Different
Max. Allowed Charge Current	5A
Max. Continuous Discharge Current	18A
Overcharge Protection Voltage	55.25 ± 0.25V
Overdischarge Protection Voltage	35.75 ± 0.50V
Overload Protection Current	50 ± 10A
Overheat Protection Temperature	65°C
External Shortcircuit Protection	Available

Test	Conditions	Test Result
10A Discharge To	36.8V	16.02Ah

Typical discharge profiles (10A - 0.67C rate)



Preliminary specifications, performance may vary depending on use conditions and application.
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