

Testing Date	17-Oct-16
Ambient Temperature	22 ± 2°C
Document No.	KST-PV05S3P-25R-01

Battery Pack Specifications

Cell Model	Samsung INR18650-25R
Configuration	3P5S
Nominal Capacity	7.5Ah
Minimum Capacity	7.2Ah
Nominal Voltage	18V
Nominal Energy Content	135Wh
Charge Voltage	21V
Standard Charge Current	3A
Max. Charge Current	10A
Max. Continuous Discharge Current	30A
Peak Discharge Current	60A
Discharge Cut-off Voltage	13.75V
Gross Weight (Approx.)	0.85KG
Dimensions	20×115×210mm
Charge Connector	30A Anderson
Discharge Connector	30A Anderson
Operating Temperature	Charge: 0°C to 45°C Discharge: -20°C to 60°C

Li-ion 18V 7.5Ah Battery Pack

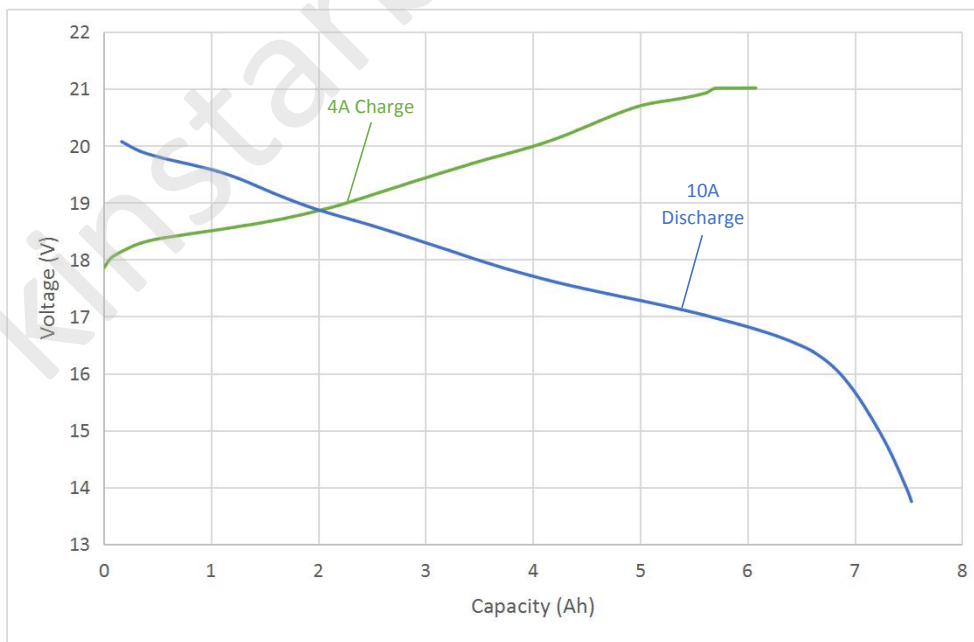


BMS Specifications

Number Of Cluster	5S
Charge And Discharge Port	Same
Max. Allowed Charge Current	30A
Max. Continuous Discharge Current	30A
Overcharge Protection Voltage	21.25 ± 0.3V
Overdischarge Protection Voltage	13.75 ± 0.125V
Overload Protection Current	60 ± 10A
Overheat Protection Temperature	65°C
External Shortcircuit Protection	Available

Test	Conditions	Test Result
10A Discharge To	13.75V	7.528Ah

Typical discharge profiles (10A - 1.33C 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.