

Testing Date	14-Oct-20
Ambient Temperature	26 ± 2°C
Document No.	KST-PV05S1P-MJ1-01

Battery Pack Specifications

Cell Model	LG INR18650MJ1
Configuration	1P5S
Nominal Capacity	3.5Ah
Minimum Capacity	3.4Ah
Nominal Voltage	18V
Nominal Energy Content	63Wh
Charge Voltage	21V
Standard Charge Current	1.0A
Max. Charge Current	1.5A
Max. Continuous Discharge Current	4A
Peak Discharge Current	15A
Discharge Cut-off Voltage	12.5V
Gross Weight (Approx.)	250g
Dimensions	94×20×71mm
Charge Connector	JST VHR-2N
Discharge Connector	JST VHR-2N
Operating Temperature	Charge: 0°C to 45°C Discharge: -20°C to 60°C

Li-ion 18V 3.5Ah Battery Pack

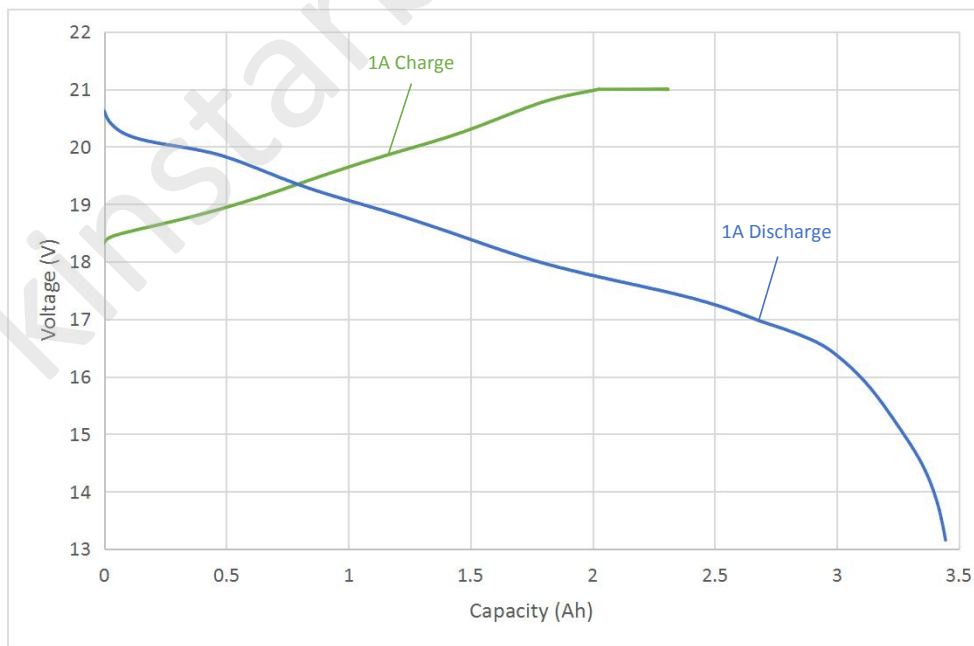


BMS Specifications

Number Of Cluster	5S
Charge And Discharge Port	Same
Max. Allowed Charge Current	4A
Max. Continuous Discharge Current	4A
Overcharge Protection Voltage	21.25 ± 0.3V
Overdischarge Protection Voltage	12.5 ± 0.125V
Overload Protection Current	15 ± 5A
Overheat Protection Temperature	N/A
External Shortcircuit Protection	Available

Test	Conditions	Test Result
1A Discharge To	13V	3444mAh

Typical discharge profiles (1A - 0.3C 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.