

Testing Date	22-Oct-20
Ambient Temperature	26 ± 2°C
Document No.	KST-PV04S1P-MJ1-01

Li-ion 14.4V 3.5Ah Battery Pack

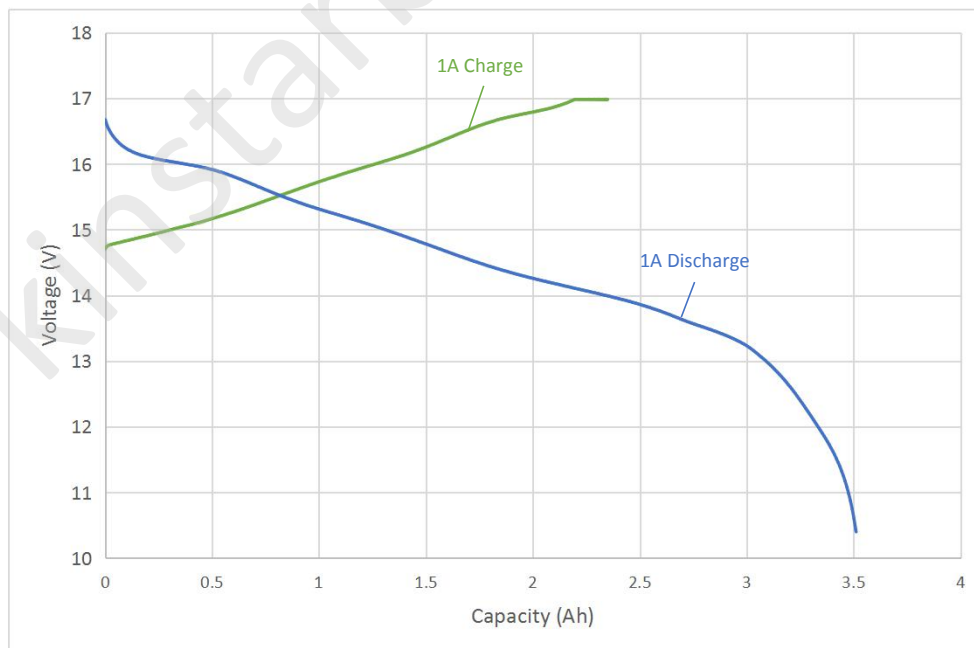


Battery Pack Specifications	
Cell Model	LG INR18650MJ1
Configuration	1P4S
Nominal Capacity	3.5Ah
Minimum Capacity	3.4Ah
Nominal Voltage	14.4V
Nominal Energy Content	50.4Wh
Charge Voltage	16.8V
Standard Charge Current	1.0A
Max. Charge Current	1.5A
Max. Continuous Discharge Current	4A
Peak Discharge Current	15A
Discharge Cut-off Voltage	10V
Gross Weight (Approx.)	208g
Dimensions	37×37×71mm
Charge Connector	JST VHR-2N
Discharge Connector	JST VHR-2N
Operating Temperature	Charge: 0°C to 45°C Discharge: -20°C to 60°C

BMS Specifications	
Number Of Cluster	4S
Charge And Discharge Port	Same
Max. Allowed Charge Current	4A
Max. Continuous Discharge Current	4A
Overcharge Protection Voltage	17 ± 0.125V
Overdischarge Protection Voltage	10 ± 0.3V
Overload Protection Current	15 ± 5A
Overheat Protection Temperature	N/A
External Shortcircuit Protection	Available

Test	Conditions	Test Result
1A Discharge To	10.4V	3511mAh

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.