

Testing Date	15-Oct-16
Ambient Temperature	22 ± 2°C
Document No.	KST-PV05S3P-30Q-01

Battery Pack Specifications

Cell Model	Samsung INR18650-30Q
Configuration	3P5S
Nominal Capacity	9.0Ah
Minimum Capacity	8.7Ah
Nominal Voltage	18V
Nominal Energy Content	162Wh
Charge Voltage	21V
Standard Charge Current	4A
Max. Charge Current	10A
Max. Continuous Discharge Current	30A
Peak Discharge Current	60A
Discharge Cut-off Voltage	13.75V
Gross Weight (Approx.)	0.95KG
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 9.0Ah Battery Pack

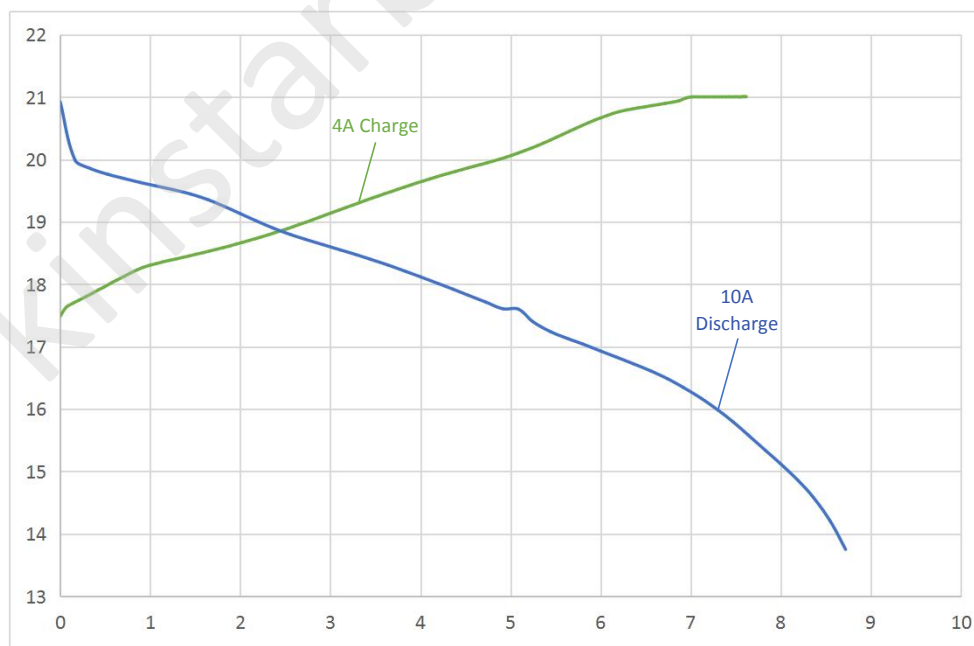


BMS Specifications

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	8.72Ah

Typical discharge profiles (10A - 1.11C rate)



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