

Testing Date	3-Aug-19
Ambient Temperature	32 ± 2°C
Document No.	KST-PV07S5P-PBD-01

## Battery Pack Specifications

Cell Model	Panasonic NCR18650BD
Configuration	5P7S
Nominal Capacity	16Ah
Minimum Capacity	15Ah
Nominal Voltage	25.2V
Nominal Energy Content	403.2Wh
Charge Voltage	29.4V
Standard Charge Current	3A
Max. Charge Current	5A
Max. Continuous Discharge Current	30A
Peak Discharge Current	60A
Discharge Cut-off Voltage	19.25V
Gross Weight (Approx.)	2.1KG
Dimensions	75×190×220mm
Charge Connector	DC5521
Discharge Connector	XT60
Operating Temperature	Charge: 0°C to 45°C Discharge: -20°C to 60°C

## Li-ion 24V 16Ah Battery Pack

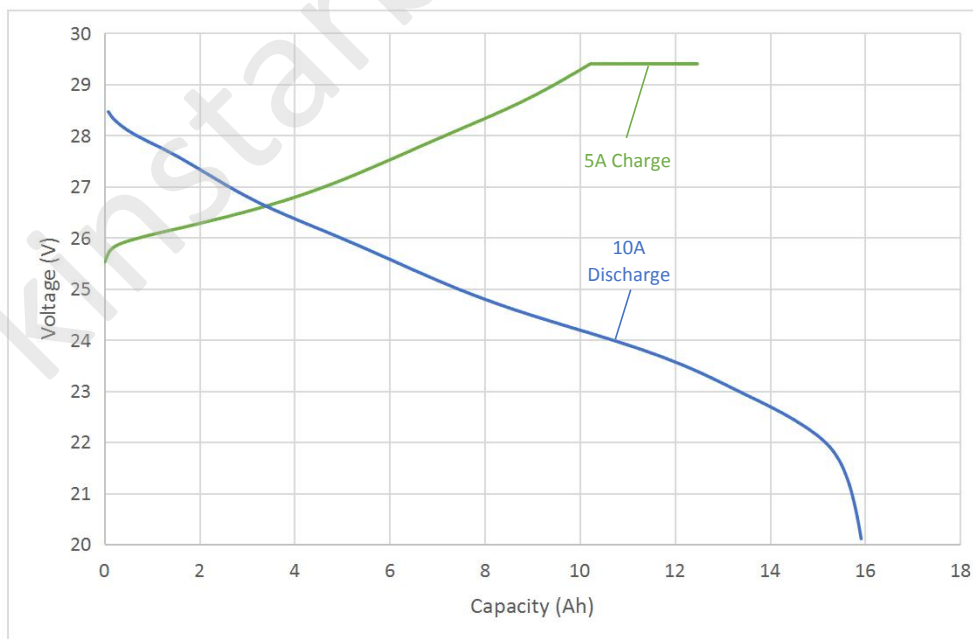


## BMS Specifications

Number Of Cluster	7S
Charge And Discharge Port	Different
Max. Allowed Charge Current	5A
Max. Continuous Discharge Current	30A
Overcharge Protection Voltage	29.75 ± 0.175V
Overdischarge Protection Voltage	19.25 ± 0.43V
Overload Protection Current	60 ± 10A
Overheat Protection Temperature	65°C
External Shortcircuit Protection	Available

Test	Conditions	Test Result
10A Discharge To	20.1V	15.916Ah

## Typical discharge profiles (10A - 0.625C rate)



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