

Testing Date	3-Aug-19
Ambient Temperature	30 ± 2°C
Document No.	KST-PV15S8P-CT6-01

### Battery Pack Specifications

Cell Model	Sony US18650VTC6
Configuration	8P15S
Nominal Capacity	24Ah
Minimum Capacity	22.8Ah
Nominal Voltage	54V
Nominal Energy Content	1296Wh
Charge Voltage	63V
Standard Charge Current	4A
Max. Charge Current	5A
Max. Continuous Discharge Current	120A
Peak Discharge Current	240A
Discharge Cut-off Voltage	37.5V
Gross Weight (Approx.)	10KG
Dimensions	90×135×735mm
Charge Connector	Female DC5525
Discharge Connector	175A Anderson
Operating Temperature	Charge: 0°C to 45°C Discharge: -20°C to 60°C

### Li-ion 54V 24Ah Battery Pack

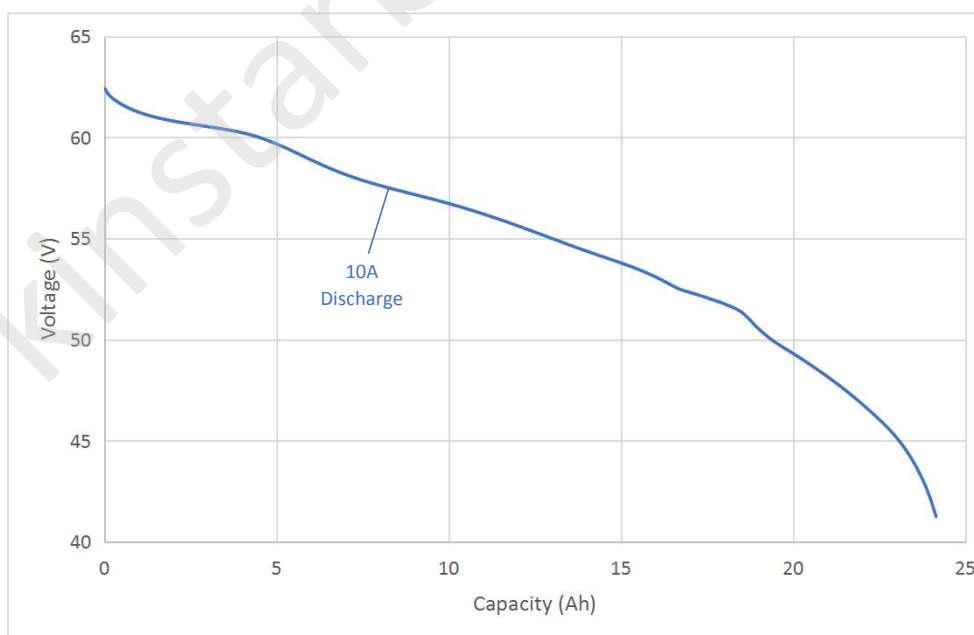


### BMS Specifications

Number Of Cluster	15S
Charge And Discharge Port	Different
Max. Allowed Charge Current	5A
Max. Continuous Discharge Current	120A
Overcharge Protection Voltage	63.75 ± 0.25V
Overdischarge Protection Voltage	40.50 ± 0.62V
Overload Protection Current	/
Overheat Protection Temperature	65°C
External Shortcircuit Protection	/

Test	Conditions	Test Result
10A Discharge To	41.25V	24.153Ah

### Typical discharge profiles (10A - 0.42C rate)



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