

Testing Date	16-May-16
Ambient Temperature	22 ± 2°C
Document No.	KST-PV20S7P-NSE-01

**Battery Pack Specifications**

Cell Model	KinStar INR18650SE
Configuration	7P20S
Nominal Capacity	17.5Ah
Minimum Capacity	16.8Ah
Nominal Voltage	72V
Nominal Energy Content	1260Wh
Charge Voltage	84V
Standard Charge Current	4A
Max. Charge Current	10A
Max. Continuous Discharge Current	25A
Peak Discharge Current	50A
Discharge Cut-off Voltage	55V
Gross Weight (Approx.)	7.35KG
Dimensions	115×160×290mm
Charge Connector	Female XT60
Discharge Connector	Female XT60
Operating Temperature	Charge: 0°C to 45°C Discharge: -20°C to 60°C

**Li-ion 72V 17.5Ah Battery Pack**



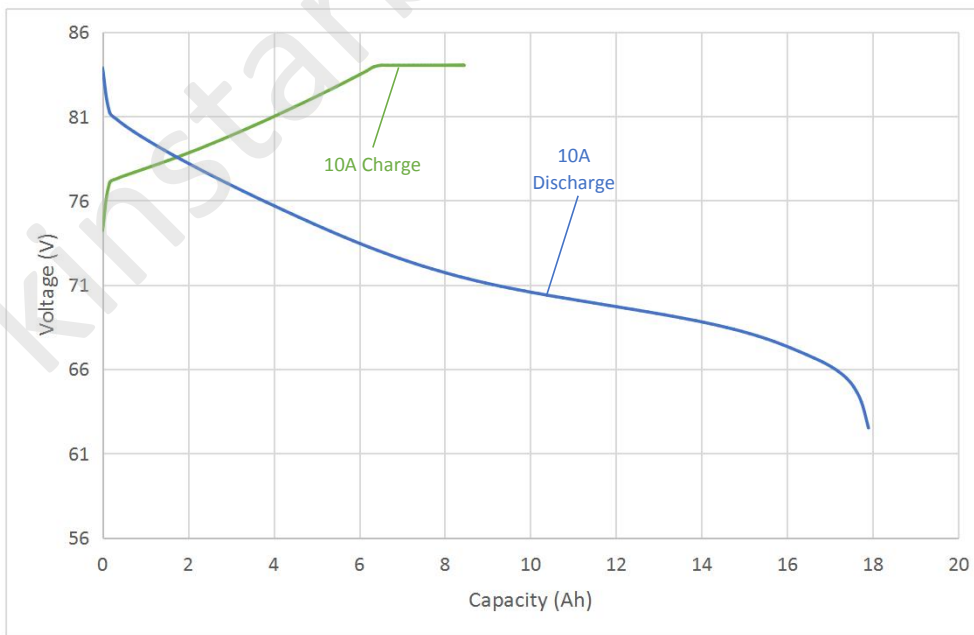
**BMS Specifications**

Number Of Cluster	20S
Charge And Discharge Port	Same
Max. Allowed Charge Current	25A
Max. Continuous Discharge Current	25A
Overcharge Protection Voltage	85 ± 0.5V
Overdischarge Protection Voltage	55 ± 0.5V
Overload Protection Current	55 ± 10A
Overheat Protection Temperature	65°C
External Shortcircuit Protection	Available

**Test Conditions and Results**

Test	Conditions	Test Result
10A Discharge To	60V	17.90Ah

**Typical discharge profiles (10A - 0.57C 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.