

Testing Date	4-Sep-19
Ambient Temperature	30 ± 2°C
Document No.	KST-HL13S5P-MJ1-01

## Li-ion 48V 17.5Ah Battery Pack

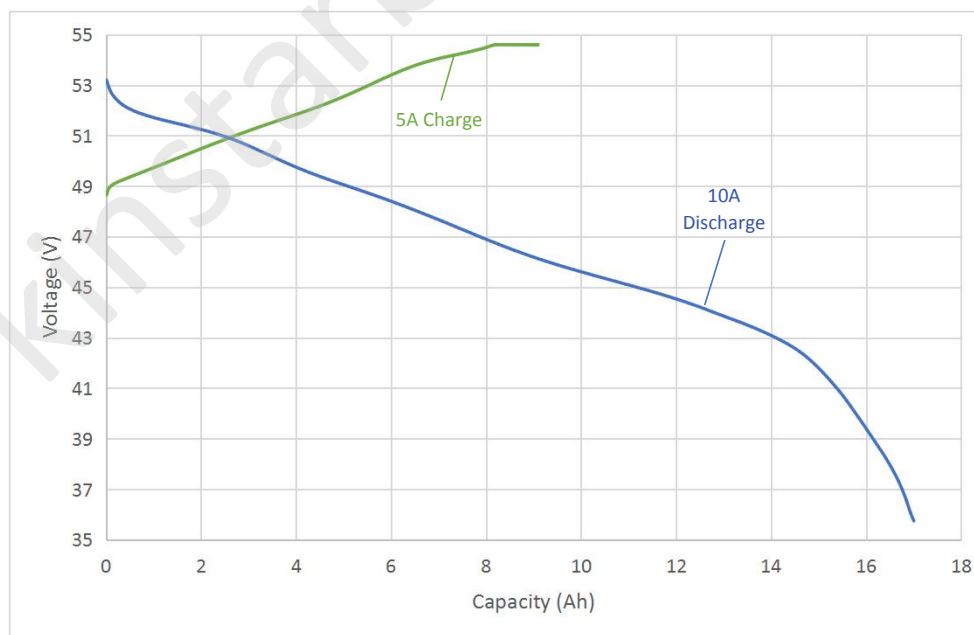


Battery Pack Specifications	
Cell Model	LG INR18650 MJ1
Configuration	5P13S
Nominal Capacity	17.5Ah
Minimum Capacity	17Ah
Nominal Voltage	46.8V
Nominal Energy Content	819Wh
Charge Voltage	54.6V
Standard Charge Current	3.5A
Max. Charge Current	5A
Max. Continuous Discharge Current	25A
Peak Discharge Current	50A
Discharge Cut-off Voltage	35.75V
Gross Weight (Approx.)	4.35KG
Dimensions	90×111×367mm
Charge Connector	Female DC5521
Discharge Connector	30A Anderson
Operating Temperature	Charge: 0°C to 45°C Discharge: -20°C to 60°C

BMS Specifications	
Number Of Cluster	13S
Charge And Discharge Port	Different
Max. Allowed Charge Current	5A
Max. Continuous Discharge Current	20A
Overcharge Protection Voltage	55.25 ± 0.25V
Overdischarge Protection Voltage	35.75 ± 0.62V
Overload Protection Current	55 ± 10A
Overheat Protection Temperature	65°C
External Shortcircuit Protection	Available

Test	Conditions	Test Result
10A Discharge To	35.75V	17Ah

## Typical discharge profiles (10A - 0.59C rate)



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