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| Testing Date | 16-Aug-16 |
| Ambient Temperature | 30 ± 2°C |
| Document No. | KST-PV10S4P-M26-01 |

Li-ion 36V 10.4Ah Battery Pack



Battery Pack Specifications

| | |
|-----------------------------------|---|
| Cell Model | LG INR18650 M26 |
| Configuration | 4P10S |
| Nominal Capacity | 10.4Ah |
| Minimum Capacity | 10.0Ah |
| Nominal Voltage | 36V |
| Nominal Energy Content | 374.4Wh |
| Charge Voltage | 42V |
| Standard Charge Current | 2A |
| Max. Charge Current | 5A |
| Max. Continuous Discharge Current | 20A |
| Peak Discharge Current | 40A |
| Discharge Cut-off Voltage | 27.5V |
| Gross Weight (Approx.) | 2.15KG |
| Dimensions | 72×120×140mm |
| Charge Connector | Female DC5521 |
| Discharge Connector | 30A Anderson |
| Operating Temperature | Charge: 0°C to 45°C Discharge: -20°C to 60°C |

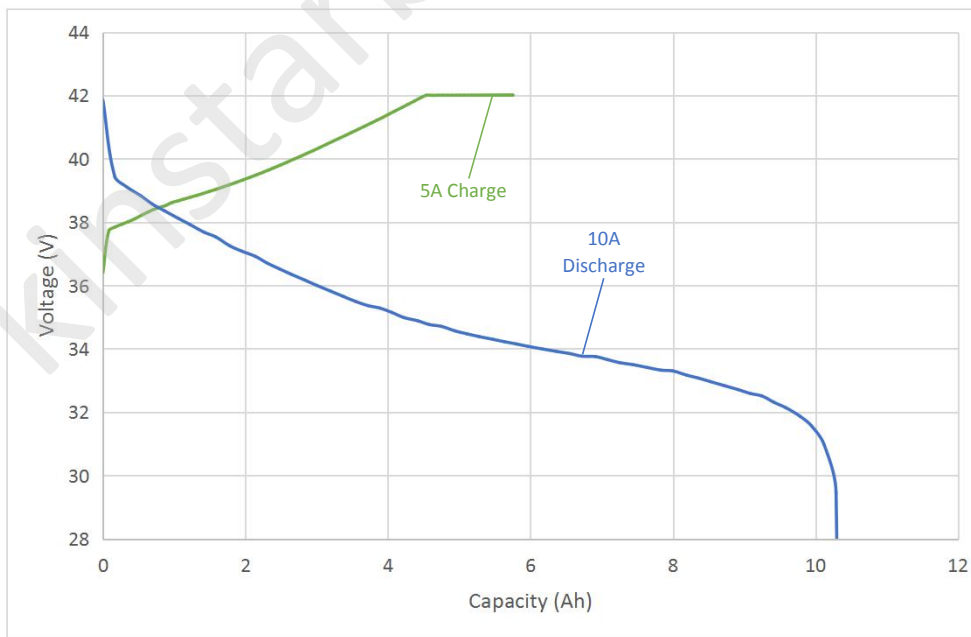
BMS Specifications

| | |
|-----------------------------------|---------------|
| Number Of Cluster | 10S |
| Charge And Discharge Port | Different |
| Max. Allowed Charge Current | 5A |
| Max. Continuous Discharge Current | 20A |
| Overcharge Protection Voltage | 42.75 ± 0.25V |
| Overdischarge Protection Voltage | 25.0 ± 0.5V |
| Overload Protection Current | 55 ± 10A |
| Overheat Protection Temperature | 75°C |
| External Shortcircuit Protection | Available |

Test Conditions and Results

| Test | Conditions | Test Result |
|------------------|------------|-------------|
| 10A Discharge To | 27.5V | 10.348Ah |

Typical discharge profiles (10A - 1C 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.