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|---------------------|--------------------|
| Testing Date | 9-Sep-19 |
| Ambient Temperature | 30 ± 2°C |
| Document No. | KST-SF10S4P-NSE-01 |

Battery Pack Specifications

| | |
|-----------------------------------|---|
| Cell Model | KinStar INR18650SE |
| Configuration | 4P10S |
| Nominal Capacity | 10Ah |
| Minimum Capacity | 9.8Ah |
| Nominal Voltage | 36V |
| Nominal Energy Content | 360Wh |
| Charge Voltage | 42V |
| Standard Charge Current | 2A |
| Max. Charge Current | 5A |
| Max. Continuous Discharge Current | 15A |
| Peak Discharge Current | 40A |
| Discharge Cut-off Voltage | 27.5V |
| Gross Weight (Approx.) | 3.0KG |
| Dimensions | 75×110×391mm |
| Charge Connector | XLR |
| Discharge Connector | 30A Anderson |
| Operating Temperature | Charge: 0°C to 45°C Discharge: -20°C to 60°C |

Li-ion 36V 10Ah Silver Fish Battery

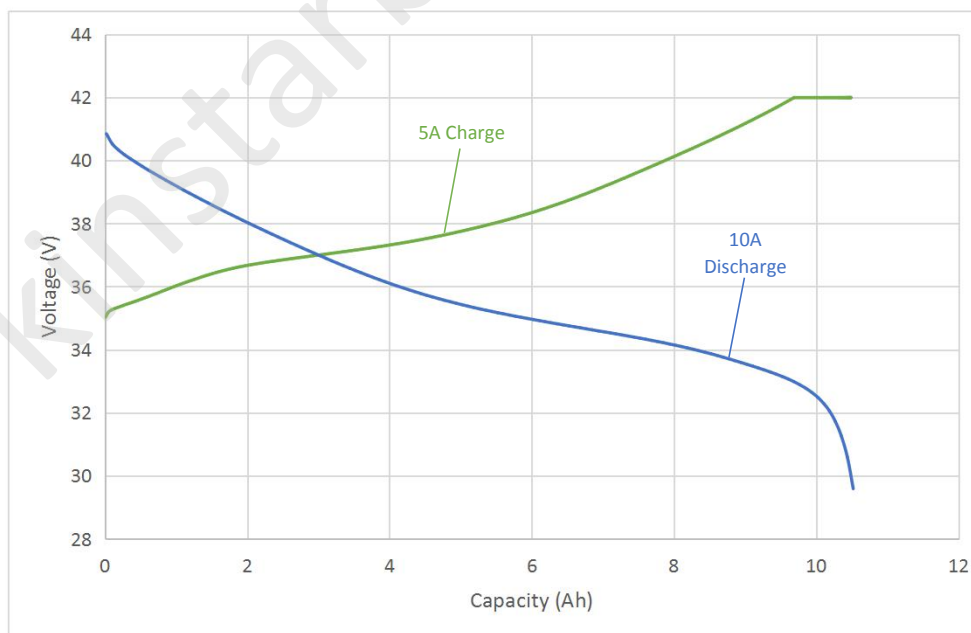


BMS Specifications

| | |
|-----------------------------------|---------------|
| Number Of Cluster | 10S |
| Charge And Discharge Port | Different |
| Max. Allowed Charge Current | 5A |
| Max. Continuous Discharge Current | 18A |
| Overcharge Protection Voltage | 42.75 ± 0.25V |
| Overdischarge Protection Voltage | 27.5 ± 0.5V |
| Overload Protection Current | 50 ± 10A |
| Overheat Protection Temperature | 65°C |
| External Shortcircuit Protection | Available |

| Test | Conditions | Test Result |
|------------------|------------|-------------|
| 10A Discharge To | 29.5V | 10.52Ah |

Typical discharge profiles (10A - 1C rate)



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