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Rechargeable Li-ion battery pack – 1693.01.001.4

Configuration: 2S4P

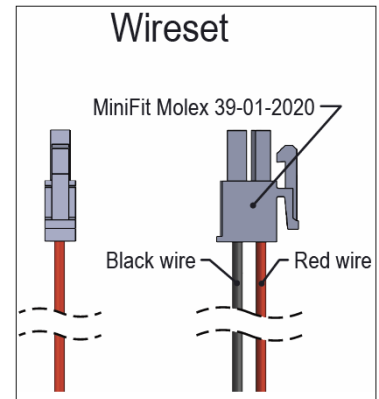


Dimensions:

Length: 78 ±1mm

Width: 38 ±1mm

Height: 66 ±1mm



Data for pack

| | | | |
|------------------------------------|------------|----------|--------------------|
| Nominal Voltage | | 7.3V | |
| Rated Capacity | | 10.68Ah | |
| Used cell in Pack | | 8pcs | INR18650-29E |
| Internal resistance pack | | 55mΩ | ±10% |
| Max charge voltage | | 8.4V | 25°C |
| Charge current | standard | 4A | 25°C |
| | rapid | 6A | 25°C |
| Discharge | standard | 2.1A | 25°C |
| | max. cont. | 6A | 25°C |
| | max. Peak | 10A | 25°C t<60s |
| Short Circuit current | | 140A | t<500μs |
| Cable length | | 150mm | ± 5mm |
| Connector | | Molex | MiniFit 39-01-2020 |
| Weight | | 385g | ±10g |
| Watt-hour rating | | 78Wh | |
| Charge temperature | | standard | 0°C - 45°C |
| | | rapid | 10°C - 40°C |
| Discharge temperature | | standard | -20°C - 60°C |
| Storage temperature | | 1 year | 0~23°C |
| Note 1: Self discharge <1% / month | | | |
| Note 2: Delivery SOC aprox. 30% | | | |

Limitations by Safety Unit (SU)

| | | | |
|--------------------------|---------|-------|--------|
| Over Voltage (per cell) | cut off | 4.25V | ±0.025 |
| | release | 4.05V | ±0.05 |
| Under Voltage (per cell) | cut off | 2.4V | ±0.06 |
| | release | 3.0V | ±0.01 |
| Current Limit 1 by SU | | 20A | t~1s |
| Current Limit 2 by SU | | 23A | t~30ms |
| Power Consumption | active | | |