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**WAMTECHNIK**

**Rechargeable Li-ion battery pack – 1692.01.001.4**

**Configuration: 2S3P**

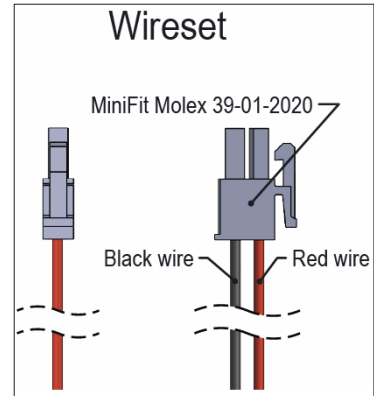


**Dimensions:**

**Length:** 59 ±1mm

**Width:** 38 ±1mm

**Height:** 66,5 ±1mm



**Data for pack**

|                                    |            |             |                    |
|------------------------------------|------------|-------------|--------------------|
| Nominal Voltage                    |            | 7.3V        |                    |
| Rated Capacity                     |            | 8.01Ah      |                    |
| Used cell in Pack                  |            | 6pcs        | INR18650-29E       |
| Internal resistance pack           |            | 59mΩ        | ±10%               |
| Max charge voltage                 |            | 8.4V        | 25°C               |
| Charge current                     | standard   | 4A          | 25°C               |
|                                    | rapid      | 6A          | 25°C               |
| Discharge                          | standard   | 1.6A        | 25°C               |
|                                    | max. cont. | 6A          | 25°C               |
|                                    | max. Peak  | 16A         | 25°C t<1s          |
| Short Circuit current              |            | 110A        | t<5ms              |
| Cable length                       |            | 150mm       | ± 5mm              |
| Connector                          |            | Molex       | MiniFit 39-01-2020 |
| Weight                             |            | 290g        | ±10g               |
| Watt-hour rating                   |            | 58.5Wh      |                    |
| 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  | ±0.08   |
|                          | release | 3.0V  | ±0.01   |
| Current Limit 1 by SU    |         | 20A   | t~300ms |
| Current Limit 2 by SU    |         | 22A   | t~27ms  |
| Power Consumption        | active  |       |         |