

PA-L46.R004



Dimensions

| | | |
|--------|----|--------|
| Length | 67 | ± 2 mm |
| Width | 19 | ± 1 mm |
| Height | 22 | ± 1 mm |

Data for Pack

| | | | | |
|--------------------------|------------|--------------------------------------|--|------------|
| Nominal voltage | 3.6V | 2.75V - 4.2V | | |
| Nominal capacity | 4500mAh | typical | | |
| Used cell in pack | 2pcs | Panasonic UR-18650AY | | |
| Internal resistance pack | 140mΩ | ±10% | | |
| Max charge voltage | 4.2V | | | |
| Charge current | standard | 1.5A | 0°C < T < 45°C | |
| | rapid | 2.5A | 0°C < T < 45°C | |
| Discharge | standard | 0.5A | -20°C < T < 60°C *below 0°C with limited performance | |
| | max. cont. | 2.5A | 0°C < T < 40°C *below 0°C with limited performance | |
| | max. peak | 5A | 0°C < T < 45°C t < 1ms *below 0°C with limited performance | |
| Short circuit current | >25A | < 380μs | | |
| NTC | 10kΩ | technical Data NTC | | |
| Connector | JST | XHP-3 | Pin1 | GND black |
| | | | Pin2 | NTC yellow |
| | | | Pin3 | VBAT+ red |
| Cable Length | 45 mm | ± 5 mm | | |
| Weight | ca. 90g | ± 5g | | |
| Watt-hour rating | 15.2Wh | acc. to UN38.3 Certificate from cell | | |

Limitations by Safety Unit (SU) @ Ta 25°C

| | | | |
|--------------------------|----------|-----------|------------------------------------|
| over voltage (per cell) | cut off | 4.3V | ± 25mV |
| | release | 4.05V | ± 100mV |
| under voltage (per cell) | cut off | 2.25V | ± 100mV |
| | release | 3V | ± 50V |
| Current Limit 1 by SU | | 2.7A | 9ms typical (±300mA) |
| Current Limit 2 by SU | | 10.4A | 9ms |
| short circuit protection | | 25A | < 320μs typical (±6.5A) |
| Power consumption | active | < 12.5 μA | -0/+7,5μA |
| | shutdown | < 1.5 μA | -0/+1,0μA (only when UBat < 2.25V) |

Recommended Charger

1 cell CC/CV Charger with temp control (NTC)