

PA-LNB19.R002



Dimensions

| | | |
|--------|------|-------|
| Length | 67 | ± 1mm |
| Width | 18.5 | ± 1mm |
| Height | 22 | ± 1mm |

Data for Pack

| | | | | | |
|--------------------------|-----------|--|---|------|--------|
| Nominal voltage | 3.6V | 2.5V - 4.2V | | | |
| Nominal capacity | 3350mAh | typical | | | |
| Used cell in pack | 1pcs | Panasonic NCR-18650BF | | | |
| Internal resistance pack | 110mΩ | ±10% | | | |
| Charge voltage | 4.2V | max | | | |
| Charge current | standard | 0.55A | 10°C < T < 45°C | | |
| | rapid | 1.2A | 10°C < T < 45°C | | |
| Discharge | standard | 0.65A | -20°C < T < 70°C *1) | | |
| | max cont. | 2.35A | 0°C < T < 40°C *1) (limited by connector) | | |
| | max peak | 5A | -20°C < T < 45°C t < 2ms *1) | | |
| Short circuit current | ≥30A | <320μs | | | |
| NTC | 10kΩ | Tolerance ±3%; B-value 25°C/85°C = 3980K | | | |
| Connector | JST | XHP-3 | Pin1 | GND | black |
| | | | Pin2 | NTC | yellow |
| | | | Pin3 | Bat+ | red |
| Cable Length | 45mm | ± 5mm | | | |
| Weight | ca. 48g | ± 5g | | | |
| Watt-hour rating | 12Wh | acc. to UN38.3 Certificate | | | |

*1) discharge in ambient temperatures lower than 0°C will result in limited performance in current output and usable capacity

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

| | | | |
|--------------------------|------------|--------|---------------------------|
| over voltage (per cell) | cut off | 4275mV | ±25mV |
| | release | 4075mV | ±25mV |
| under voltage (per cell) | cut off | 2300mV | ±50mV |
| | release | 2300mV | ±50mV |
| Current Limit 1 by SU | | 2.7A | continous typical (±0.3A) |
| Current Limit 2 by SU | | ≥10.4A | 2.24ms (typical) |
| short circuit protection | | ≥25A | 320μs (typical) ±10A |
| Power consumption | active | 15μA | ±5μA |
| | power down | 8μA | ±2μA |

Recommended Charger

C-LIO-1SN15-1,8M-DIN4-GPN-.R001