

PA-LN19.K02.R001

Powered by Panasonic NCR-18650

Dimensions

| | |
|--------|----------------|
| length | 22 mm ± 1 mm |
| width | 18,5 mm ± 1 mm |
| height | 67 mm ± 1 mm |

Data for pack

| | | | |
|--------------------------|-----------|---|-------------------|
| Nominal Voltage | 3,6V | 3,0V – 4,2V | |
| Nominal capacity | 2900mAh | typical | |
| Used cell in Pack | 1x | Panasonic NCR-18650TD | |
| internal resistance pack | 114mOhm | 100 – 130 mOhm | |
| Max charge voltage | 4,2V | | |
| Charge current | standard | 550mA | 0°C < T < 45°C |
| | rapid | 1925mA | 10°C < T < 45°C |
| Discharge | standard | 540mA | -20°C < T < 60°C |
| | max.cont. | 2350mA | -20°C < T < 45°C |
| | max.peak | 2750mA | -20°C < T < 45°C |
| Short circuit current | ≈29A | <500μs | |
| NTC | 10kOhm | Tolerance 5%; B-value 25°C/85°C = 3980K | |
| Connector | JST | XHP-3 | Pin 1 : GND black |
| | | | Pin 2: NTC yellow |
| | | | Pin 3: PLUS red |
| Cable length | 45mm | ±5mm | |
| Weight | 49g | ±2,5g | |
| Lithium content | 0,87g | 10,44 Wh | |

Limitations by Safety Unit (SU)

| | | | |
|-----------------------|---------|---------|---|
| over voltage | cut off | 4,25V | ±25mV |
| over voltage | release | 4,05V | ±100mV |
| under voltage | cut off | 2,25V | ±100mV |
| under voltage | release | 3,0V | 2,25V – 3,45V |
| Current limit 1 by SU | | 2350mA | continuous (typical); 3,0V<U _{pack} <4,2V |
| Current limit 2 by SU | | >2750mA | <20ms (typical) |
| Current limit 3 by SU | | ≤29A | <2,4ms (typical) |
| Power consumption | active | ≈7μA | -0/+2μA |
| | sleep | 1,5μA | -0/+1,0μA |
| ESD Protection | | no | |

- Constructed by approved Panasonic Pack assembler -



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