

PA-LNB126.R002



picture only for reference

Dimensions

| | | |
|--------|--------|------|
| Length | 73mm | ±1mm |
| Width | 18.5mm | ±1mm |
| Height | 71.5mm | ±1mm |

Data for Pack

| | | | | |
|--------------------------|------------|---|---|------|
| Nominal voltage | 14.4V | 10V - 16.8V (max.16,4V in medical applications/long term use) | | |
| Nominal capacity | 3350mAh | typical @ 4,2V/cell 3050mAh @ 4,1V/cell | | |
| Used cell in pack | 4pcs | Panasonic NCR-18650BF | | |
| Internal resistance pack | 220mΩ | ±10% | | |
| Max charge voltage | 16.8V | | | |
| Charge current | standard | 550mA | 10°C < T < 45°C | |
| | rapid | 1600mA | 10°C < T < 45°C | |
| Discharge | standard | 670mA | -20°C < T < 60°C *1) | |
| | max. cont. | 3000mA | -20°C < T < 60°C *1) (limited by connector) | |
| | max. peak | 5500mA | -20°C < T < 60°C t < 400ms | |
| Short circuit current | ≤ 50A | < 600μs | | |
| NTC | 10kΩ | Tolerance 5%; B-Value 25°C/85°C = 3980K | | |
| Connector | JST | XHP-3 | Pin1 | GND |
| | | | Pin2 | NTC |
| | | | Pin3 | Bat+ |
| Cable Length | 45mm | ± 5mm | | |
| Weight | ca. 245g | ± 5g | | |
| Watt-hour rating | 48Wh | acc. to UN38.3 Certificate from cell | | |

*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 | 4215mV | ±25mV |
| | release | 4150mV | ±50mV |
| under voltage (per cell) | cut off | 2400mV | ±80mV |
| | release | 3000mV | ±100mV |
| Current Limit 1 by SU | | < 3500mA | continuous (Upack > 12V) |
| Current Limit 2 by SU | | > 4500mA | ± 1A t < 10 ms (typical) |
| short circuit protection | | ≤ 30A | t > 600μs |
| Power consumption | active | 195μA | max. |
| | power down | 2μA | max. (power down modus when Ucell < 2.4V) |

Recommended Charger