

PA-L2280.R001



*picture only for reference

Dimensions

| | | |
|--------|-----|-------|
| Length | 146 | ± 1mm |
| Width | 11* | ± 1mm |
| Height | 42 | ± 1mm |



IEC 62133 2nd. Ed.

*swelling of cells up to 1.5mm during lifetime

Data for Pack

| | | | |
|--------------------------|-----------|-------|---|
| Nominal voltage | | 3.6V | 2.75V - 4.2V |
| Nominal capacity | | 9.4Ah | typical |
| Used cell in pack | | 4pcs | Panasonic NCA-103450A |
| Internal resistance pack | | 80mΩ | ±10% |
| Charge voltage | | 4.2V | max |
| Charge current | standard | 1.88A | 0°C < T < 45°C |
| | rapid | 3A | 10°C < T < 45°C (limited by connector) |
| Discharge | standard | 1.88A | -20°C < T < 60°C *1) |
| | max cont. | 3A | -20°C < T < 45°C *1) (limited by connector) |
| | max peak | 10A | -20°C < T < 45°C t < 2ms *1) t < 2ms |
| Short circuit current | | ~ 52A | < 380μs |
| NTC | | 10kΩ | Tolerance ±3%; B-value 25°C/85°C = 3980K |
| Connector | JST | XHP-3 | Pin1 GND |
| | | | Pin2 NTC |
| | | | Pin3 Bat+ |
| Cable Length | | 150mm | ± 5mm |
| Weight | | 162g | ± 10g |
| Watt-hour rating | | 32Wh | acc. to UN38.3 Certificate |

*1) discharge in ambient temperatures below 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 | 4115mV | ± 25mV | | | | |
| under voltage (per cell) | cut off | 2300mV | ± 50mV | | | | |
| | release | 2400mV | ± 100mV | | | | |
| current limit 1 | min. | ≥ 2.9A | ≥ 3.3A | ≥ 3.7A | 7.2ms | 9ms | 11ms |
| | typical | | | | | | |
| | max | | | | | | |
| current limit 2 | | ≥ 10A | ≥ 12.8A | ≥ 15.4A | 1.8ms | 2.24ms | 2.7ms |
| current limit 3 | | ≥ 23.1A | ≥ 30.8A | ≥ 38.5A | 220μs | 320μs | 380μs |
| Power consumption | active | 50μA | ±5% | | | | |
| | power down | < 10μA | | | power down only when Ubat < 2.3V | | |

Recommended Charger

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

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