

PA-LEP1235.R001



Dimensions

| | |
|--------|--------|
| Length | 109mm |
| Width | 26.7mm |
| Height | 75.8mm |

Data for Pack

| | | | | | | | | |
|--------------------------|------------|--------------------------------------|---------------------------------------|------|------|------|--|--|
| Nominal voltage | 12.8V | 10V - 14.4V | | | | | | |
| Nominal capacity | 3.8Ah | typical | | | | | | |
| Used cell in pack | 4pcs | FEP26650 | | | | | | |
| Internal resistance pack | 110mΩ | ±20% | | | | | | |
| Charge voltage | 14.4V | max | | | | | | |
| Charge current | standard | 0,95A | 0°C < T < 45°C | | | | | |
| | rapid | 1,8A | 0°C < T < 45°C | | | | | |
| Discharge | standard | 1.8A | -20°C < T < 60°C ¹⁾ | | | | | |
| | max. cont. | 8A | -20°C < T < 60°C ¹⁾ | | | | | |
| | max. peak | 10A | -20°C < T < 60°C ¹⁾ t < 1s | | | | | |
| Short circuit current | 140A | < 650μs | | | | | | |
| Connector | JST | VH-3 | Pin1 | Pin2 | Pin3 | Pin4 | | |
| | | | Bat+ | GND | NTC | | | |
| Cable Length | 70mm | ±5mm | | | | | | |
| Weight | 365g | ± 5g | | | | | | |
| Watt-hour rating | 48,64Wh | acc. to UN38.3 Certificate from cell | | | | | | |

1) below 0°C with limited performance in current output and available capacity

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

| | | | |
|--------------------------|------------|--------|---------|
| over voltage (per cell) | cut off | 3.70V | ± 0.05V |
| | release | 3.65V | ± 0.05V |
| under voltage (per cell) | cut off | 2.20V | ± 0.05V |
| | release | 2.50V | ± 0.05V |
| Charge Overcurrent 1 | | -4,75A | cont. |
| Charge Overcurrent 2 | | -8A | 5ms |
| Discharge Overcurrent 1 | | 17,8A | 83ms |
| Discharge Overcurrent 2 | | 60A | 13ms |
| Power consumption | active | 60μA | max. |
| | power down | 5μA | max. |

1) below 0°C with limited performance data (current output and available capacity)

2) If used in backup applications, do not apply continuous charge (trickle charge) method

3) Cell surface temperature