

PA-INB126-C17UL.4.2.R002



*picture only for reference

Dimensions

| | | |
|--------|--------|-----|
| Length | 74mm | max |
| Width | 19.2mm | max |
| Height | 71.5mm | max |

Data for Pack

| | | | | |
|--|------------|--|--|------|
| Nominal voltage | 14.54V | 10.4V - 16.8V (usable voltage range) | | |
| Nominal capacity | 3.5Ah | typical | | |
| Used cells in pack | 4pcs | LG INR18650MJ1 | | |
| Internal resistance pack | 300mΩ | ±10% | | |
| Charge voltage | 16.8V | max ²⁾ | | |
| Charge current | low temp | 0.5A | 0°C < T < 10°C ³⁾ | |
| | standard | 1.75A | 10°C < T < 45°C ³⁾ | |
| Discharge | standard | 0.67A | -20°C < T < 60°C ^{1) 3)} | |
| | max cont. | 5A | -20°C < T < 60°C ^{1) 3)} | |
| | max peak 1 | 14A | -20°C < T < 60°C ³⁾ t < 100ms | |
| Over Voltage Cut-off (per cell) | 4.215V | safety unit cut-off | | |
| Over Voltage release (per cell) | 4.115V | | | |
| Under Voltage Cut-off (per cell) | 2.6V | typical @Ta 25°C; recovery = charger connect | | |
| Under Voltage release (per cell) | 3V | typical @Ta 25°C; | | |
| Discharge current protection | >7A | typical @Ta 25°C; recovery = load remove | | |
| Charge current protection | >6A | typical @Ta 25°C; recovery = charger remove | | |
| load short circuit protection | >100A | typical @Ta 25°C; max 650μs | | |
| non resettable current fuse | 10A | | | |
| non resettable second over voltage cut-off | 4.35V | activate final fuse (per cell) | | |
| non resettable temperature protection | 120°C | 110°C - 130°C, activate final fuse | | |
| Connector | Molex | Microfit 3.0 43645-0300 | Pin1 | Bat+ |
| | | | Pin2 | NTC |
| | | | Pin3 | GND |
| Cable Length | 140mm | ± 5mm | | |
| Weight | 205g | ± 5g | | |
| Watt-hour rating | 50.88Wh | acc. to UN38.3 TSR | | |

Charging method

CC/CV Charger with NTC temperature control

- 1) below 0°C with limited performance data (current output and available capacity)
- 2) Recommended Charge Voltages: Medical applications = 16.4V; Standby / UPS = 16V
- 3) Cell surface temperature, not ambient