

PA-INB162L-C17UL.4.2.R001



*picture only for reference

Dimensions

| | |
|--------|-------|
| Length | 38mm |
| Width | 19mm |
| Height | 136mm |



IEC62133-2:2017



MH45979

Data for Pack

| | | | | | |
|--|------------|--|-----------------------------------|-----------|--------|
| Nominal voltage | 7.27V | 5V - 8.4V (usable voltage range) | | | |
| Nominal capacity | 7Ah | typical | | | |
| Used cells in pack | 4pcs | | | | |
| Internal resistance pack | 77mΩ | ±20% | | | |
| Charge voltage | 8.4V | max ²⁾ | | | |
| Charge current | standard | 1.4A | 0°C < T < 45°C ³⁾ | | |
| | rapid | 3.5A | 10°C < T < 45°C ³⁾ | | |
| Discharge | standard | 1.4A | -20°C < T < 60°C ^{1) 3)} | | |
| | max cont. | 5A | -20°C < T < 60°C ^{1) 3)} | | |
| | max peak 1 | 15A | 0°C < T < 40°C ³⁾ | t < 5ms | |
| | max peak 2 | 30A | 0°C < T < 40°C ³⁾ | t < 0.2ms | |
| Over Voltage Cut-off (per cell) | 4.215V | safety unit cut-off ± 35mV | | | |
| Over Voltage release (per cell) | 4.115V | ± 35mV | | | |
| Under Voltage Cut-off (per cell) | 2.4V | typical @Ta 25°C; recovery = charger connect | | | |
| Discharge current protection | 6.67A | typical @Ta 25°C; recovery = load remove | | | |
| Charge current protection | 5A | typical @Ta 25°C; recovery = charger remove | | | |
| load short circuit protection | 54A | typical @Ta 25°C; max 600μs | | | |
| non resettable current fuse | 7A | | | | |
| non resettable second over voltage cut-off | 4.35V | ± 40mV | | | |
| non resettable temperature protection | 120°C | typical | | | |
| Connector | Molex | Microfit 3.0 43645-0300 | Pin1 | Bat+ | red |
| | | | Pin2 | NTC | yellow |
| | | | Pin3 | GND | black |
| Cable Length | 144mm | ± 5mm | | | |
| Weight | 195g | ± 5% | | | |
| 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 = 8.2V; Standby / UPS = 8V
- 3) Cell surface temperature, not ambient