

PA-LNB27-C17UL.4.1.R001



*picture only for reference

Dimensions

| | | |
|--------|--------|-----|
| Length | 55.1mm | max |
| Width | 18.5mm | max |
| Height | 71.5mm | max |



IEC62133-2:2017



MH45979 4)

Data for Pack

| | | | |
|--|------------|--|-----------|
| Nominal voltage | 10.8V | 7.8V - 12.3V (usable voltage range) | |
| Nominal capacity | 3.2Ah | typical | |
| Used cells in pack | 3pcs | NCR18650BF | |
| Internal resistance pack | 300mΩ | ±20% @ 1000Hz AC, typ. Initial value | |
| Charge voltage | 12.3V | max ²⁾ | |
| Charge current | low temp | 0.5A 0°C < T < 10°C ³⁾ | |
| | standard | 1.2A 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 | 15A -20°C < T < 60°C ³⁾ t < 100ms | |
| | max peak 2 | 30A -20°C < T < 60°C ³⁾ t < 0.2ms | |
| Over Voltage Cut-off (per cell) | 4.1V | safety unit cut-off | |
| Over Voltage release (per cell) | 4V | | |
| 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 | Pin1 Bat+ |
| | | 43645-0300 | Pin2 NTC |
| | | | Pin3 GND |
| Cable Length | 140mm | ± 5mm | |
| Weight | 154g | ± 5g | |
| Watt-hour rating | 36Wh | 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) Charge Voltage Standby / UPS = 12V
- 3) Cell surface temperature
- 4) UL conditions of acceptability to be consider in end application