

PA-LNB162-C17UL.4.1.R001



*picture only for reference

Dimensions

| | |
|--------|------|
| Length | 73mm |
| Width | 19mm |
| Height | 71mm |



IEC62133-2:2017



MH45979 4)

Data for Pack

| | | | | |
|--|-----------|---|------|------|
| Nominal voltage | 7.2V | 5V - 8.2V (usable voltage range) | | |
| Nominal capacity | 6.7Ah | typ. @ 4,2V/cell @4,1V/cell capacity reduction of appr. 12% | | |
| Used cell in pack | 4pcs | 18650 | | |
| Internal resistance pack | 84mΩ | ±10% typical value @20°C with fresh cells | | |
| Charge voltage | 8.2V | max ²⁾ | | |
| Charge current | low temp | 2.4A 0°C < T < 10°C ³⁾ | | |
| | standard | 3A 10°C < T < 45°C ³⁾ | | |
| Discharge | standard | 3A -20°C < T < 60°C ^{1) 3)} | | |
| | max cont. | 5A -20°C < T < 60°C ^{1) 3)} | | |
| Over Voltage Cut-off (per cell) | 4.1V | typical @Ta 25°C 'safety unit cut-off | | |
| Over Voltage release (per cell) | 4V | typical @Ta 25°C | | |
| 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 300μs | | |
| non resettable current fuse | 7A | | | |
| non resettable second over voltage cut-off | 4.35V | | | |
| Connector | Molex | Microfit 3.0 | Pin1 | Bat+ |
| | | 43645-0300 | Pin2 | NTC |
| | | | Pin3 | GND |
| Cable Length | 124mm | ± 5mm | | |
| Weight | 195g | ± 5g | | |
| Watt-hour rating | 48Wh | acc. to UN38.3 TSR | | |

Charging method

CC/CV Charger with NTC temperature control; max. charge voltage shall be limited to 4,1V

- 1) below 0°C with limited performance data (current output and available capacity)
- 2) Recommended Charge Voltage in standby applications / UPS = 4,0V; Do not apply continuous charge (trickle charge) method
- 3) Cell surface temperature
- 4) UL conditions of acceptability to be consider in end application

The data in this datasheet document are for information and descriptive purposes only and are not to make or imply any guarantee or warranty. No guarantee for zero failure status of given information inside this document. Please see/request detailed specification for finally valid data.

Fey Elektronik GmbH, Storchenweg 3, 21217 Seevetal, Germany | info@feyelektronik.de, Tel.: +49 (0)40-703-8888-0 Date: 10.07.2020