

# PA-LNB162Q-C17UL.4.1.R001



\*picture only for reference

## Dimensions

|        |        |
|--------|--------|
| Length | 37.5mm |
| Width  | 37.5mm |
| Height | 71mm   |



IEC62133-2:2017



MH45979

## Data for Pack

|  |            |  |                                   |           |        |
|--|------------|--|-----------------------------------|-----------|--------|
| Nominal voltage                            | 7.2V       | 5V - 8.2V (usable voltage range)             |                                   |           |        |
| Nominal capacity                           | 6.7Ah      | typical                                      |                                   |           |        |
| Used cells in pack                         | 4pcs       |  |                                   |           |        |
| Internal resistance pack                   | 84mΩ       | ±20%   |                                   |           |        |
| Charge voltage                             | 8.2V       | max <sup>2)</sup>                            |                                   |           |        |
| Charge current                             | standard   | 1.34A  | 0°C < T < 45°C <sup>3)</sup>      |           |        |
|  | rapid      | 2.4A   | 10°C < T < 45°C <sup>3)</sup>     |           |        |
| Discharge                                  | standard   | 1.34A  | -20°C < T < 60°C <sup>1) 3)</sup> |           |        |
|  | max cont.  | 5A   | -20°C < T < 60°C <sup>1) 3)</sup> |           |        |
|  | max peak 1 | 15A  | 0°C < T < 40°C <sup>3)</sup>      | t < 5ms   |        |
|  | max peak 2 | 30A  | 0°C < T < 40°C <sup>3)</sup>      | t < 0.2ms |        |
| Over Voltage Cut-off (per cell)            | 4.1V       | safety unit cut-off ± 35mV                   |                                   |           |        |
| Over Voltage release (per cell)            | 4V         | ± 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<br>43645-0300                   | Pin1                              | Bat+      | red    |
|  |            |  | Pin2                              | NTC       | yellow |
|  |            |  | Pin3                              | GND       | black  |
| Cable Length                               | 142mm      | ± 5mm  |                                   |           |        |
| Weight                                     | 195g       | ± 5%   |                                   |           |        |
| Watt-hour rating                           | 48Wh       | 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 Voltage in Standby use 8V
- 3) Cell surface temperature, not ambient