

# PA-INB33-C17UL.4.2.R002



## Dimensions

|        |      |
|--------|------|
| Length | 67mm |
| Width  | 19mm |
| Height | 60mm |



IEC62133-2:2017



MH45979 4

\*picture only for reference

## Data for Pack

|  |           |   |                |
|--|-----------|---|----------------|
| Nominal voltage                            | 3.635V    | 2.5V - 4.2V (usable voltage range)              |                |
| Nominal capacity                           | 10.5Ah    | typical   |                |
| Used cell in pack                          | 3pcs      | 18650   |                |
| Internal resistance pack                   | 46mΩ      | ±10% typical value @20°C with fresh cells       |                |
| Charge voltage                             | 4.2V      | max <sup>2)</sup>                               |                |
| Charge current                             | low temp  | 2.625A      0°C < T < 10°C <sup>3)</sup>        |                |
|  | standard  | 3A            10°C < T < 45°C <sup>3)</sup>     |                |
| Discharge                                  | standard  | 3A            -20°C < T < 60°C <sup>1) 3)</sup> |                |
|  | max cont. | 3A            -20°C < T < 60°C <sup>1) 3)</sup> |                |
| Over Voltage Cut-off (per cell)            | 4.28V     | typical @Ta 25°C 'safety unit cut-off           |                |
| Over Voltage release (per cell)            | 4.18V     | typical @Ta 25°C                                |                |
| Under Voltage Cut-off (per cell)           | 2.3V      | typical @Ta 25°C; recovery = charger connect    |                |
| Discharge current protection               | >4.46A    | typical @Ta 25°C; recovery = load remove        |                |
| Charge current protection                  | >4.46A    | typical @Ta 25°C; recovery = charger remove     |                |
| load short circuit protection              | >45A      | typical @Ta 25°C; max 300μs                     |                |
| non resettable current fuse                | 5A        |   |                |
| non resettable second over voltage cut-off | 4.35V     |   |                |
| Connector                                  | JST       | XHP-3   | Pin1      GND  |
|  |           |   | Pin2      NTC  |
|  |           |   | Pin3      BAT+ |
| Cable Length                               | 45mm      | ± 5mm   |                |
| Weight                                     | 145g      | ± 5g  |                |
| Watt-hour rating                           | 38.16Wh   | 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 = 4.1V; Standby / UPS = 4V  
Standby / UPS = 4V; Do not apply continuous charge (trickle charge) method
- 3) Cell surface temperature, not ambient
- 4) UL conditions of acceptability to be consider in end application