# PA-L2541.R001

**Dimensions**

| | | |
|---|---|---|
| Lenght | 66 mm | ±1 |
| Width | 19 mm | ±0.5 |
| Height | 22 mm | ±0.5 |

IEC62133-2:2017/AMD1

MH45979
UL62133-2:2020

| **Data for Pack** | | | |
|---|---|---|---|
| Nominal voltage | | 3.6V | 3V - 4.2V |
| Nominal capacity | | 3.35Ah | typical (3150mAh minimum) |
| Used cell in pack | | 1pcs | NCR18650BF |
| Internal resistance pack | | 100mΩ | ±10% |
| Max charge voltage | | 4.2V | recommended max. 4.1V in medical applications |
| Charge current | standard | 0.5A | 0°C < T < 45°C |
| | rapid | 1.625A | 10°C < T < 45°C |
| Discharge | standard | 0.43A | -20°C < T < 60°C |
| | max. cont. | 3A | -20°C < T < 60°C |
| | max. peak | 5A | -20°C < T < 60°C t < 20ms |
| Short circuit current | | < 33A | < 1ms |
| Gas Gauge IC | | TI | BQ27742 |
| Connector | JST | XHP4 | Pin1: GND \| PIN2: Bat+ \| Pin3: SDA \| Pin4: SCL |
| Cable Length | | 100mm | ±10mm |
| Weight | | ca. 53g | ±5g |
| Watt-hour rating | | 12Wh | acc. to UN38.3 Certificate |

*discharge below 0°C will result in limited discharge performance and usable capacity

| **Limitations by Safety Unit (SU) @ Ta 25°C** | | | |
|---|---|---|---|
| over voltage (per cell) | cut off | 4.25V | ±0.025V |
| | release | 4.1V | ±0.025V |
| under voltage (per cell) | cut off | 2.5V | ±0.025V |
| | release | 2.445V | ±0.025V |
| Current Limit 1 by SU | | > 4.35A | 31ms typical |
| | | | |
| short circuit protection | | > 14A | 1ms |
| Power consumption | active | 200µA | max. |
| | shutdown | < 10µA | |

| **Recommended Charger** |
|---|
| CC/CV Smart Charger |

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