

ICP390831PR

Rechargeable Lithium Ion Polymer Battery Pack 3.7 V
Safety Circuit,

Specifications

| | |
|-----------------|-------------|
| Renata Type | ICP390831 |
| IEC Designation | ICP050933 |
| Part Number | 101025 |
| Contact Method: | Wire AWG 30 |
| Safety Circuit | Yes |

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|------------------|--|
| Nominal Voltage | 3.7 V |
| Typical Capacity | 85 mAh |
| Minimum Capacity | 80 mAh (0.2C cut off 3.0 V at 20°C) |

Internal Impedance < 530 mΩ / 30% SOC

| | |
|-----------------|--------------------------------|
| Thickness (t) | Max 4.3 mm (after 500 cycles) |
| Length (l) | Max 33.0 mm (after 500 cycles) |
| Width (w) | Max 8.7 mm (after 500 cycles) |
| Weight | ~ 2.8 g |

| | |
|--------------------------------|---|
| Charging Characteristic | CC/CV – Constant Current / Constant Voltage |
| Voltage | 4.2 V CV |
| Current Normal | 0.5 C CC – 42.5 mA |
| Max. Charging Current | 1.0 C CC – 85 mA |
| Temperature at Charging | 0 °C 45 °C |

| | |
|---------------------------------|---|
| Discharge Characteristic | |
| Cut off Voltage | 3.0 V |
| Max discharge Current | 2.0 C – 170 mA (for non continues discharge) 1.0 C – 85 mA (for continues discharge) |
| Temperature during Discharge | -20 °C ... 60 °C |

Cycle Life at Room Temperature > 80% of minimum capacity after 500 cycles (0.5 C charge, 0.5 C discharge)

Storage Temperature -20 °C ... 45 °C
(0 °C ... 30 °C recommended in case of storage for more than 3 months)

Dimensions

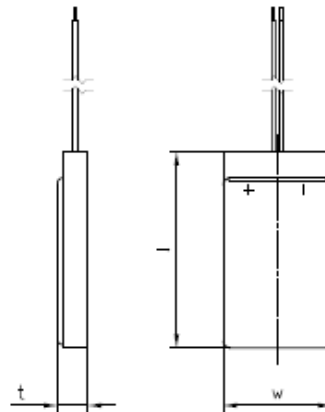


Illustration only. For detailed drawing please contact your sales representative.

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