

ICP606168PRT

Rechargeable Lithium Ion Polymer Battery Pack 3.7 V
Safety Circuit with NTC

Specifications

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| Renata Type | ICP606168 |
| IEC Designation | ICP076271 |
| Part Number | 100758 |
| Contact: | Wire AWG 26 |
| Safety Circuit | Yes with NTC |

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| Nominal Voltage | 3.7 V |
| Nominal Capacity | 2800 mAh |
| Minimum Capacity | 2700 mAh (0.2C cut off 3.0 V at 20°C) |
| Internal Impedance | < 200 mΩ / 50% SOC |

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| Thickness (t) | Max 6.3 mm |
| Length (l) | Max 71.0 mm |
| Width (w) | Max 62.0 mm |
| Weight | ~ 70 g |

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| Charging Characteristic | CC/CV – Constant Current / Constant Voltage |
| Voltage | 4.2 V CV |
| Current Normal | 0.5 C CC – 1400 mA |
| Max. Charging Current | 1.0 C CC – 2800 mA |
| Temperature at Charging | 0 °C 45 °C |

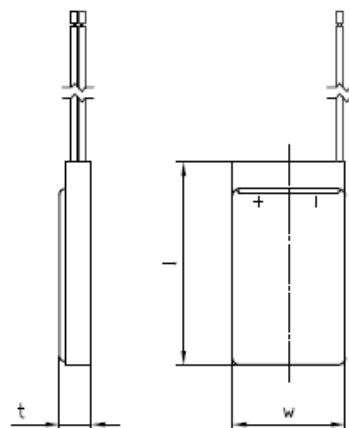
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|---------------------------------|---|
| Discharge Characteristic | |
| Cut off Voltage | 3.0 V |
| Max Discharge Current | 0.8 C – 2240 mA (for continues discharge) |

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| Temperature during Discharge | -20 °C ... 60 °C |
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| Cycle Life at Room Temperature | > 80% of minimum capacity after 500 cycles (0.5 C charge, 0.5 C discharge) |
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| Storage Temperature | -20 °C ... 45 °C (0 °C ... 30 °C recommended in case of storage for more than 3 months) |
|---------------------|---|

Dimensions



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