

ICP606168PRT

Rechargeable Lithium Ion Polymer Battery Pack 3.7 V

Safety Circuit with NTC

Specifications

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

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 / 30% SOC

Thickness (t)	Max 6.7 mm
Length (l)	Max 71.0 mm
Width (w)	Max 62.0 mm
Weight	~ 70 g

Charging Characteristic

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

Discharge Characteristic

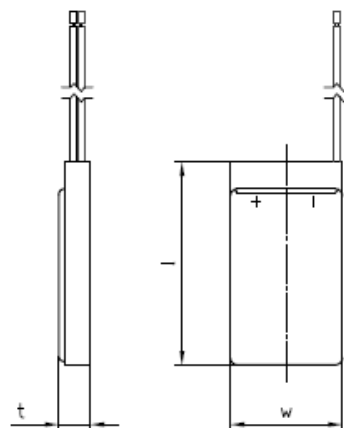
Cut off Voltage	3.0 V
Max Discharge Current	0.8 C – 2240 mA (for continues discharge)

Temperature during Discharge	-20 °C ... 60 °C
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Cycle Life at Room Temperature	> 80% of minimum capacity after 300 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)
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Dimensions



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Rev. ICP606168PRT V02 08/2019