

ICP622540PMT

Rechargeable Lithium Ion Polymer Battery Pack 3.7 V With Safety Circuit, **IEC62133 certified**

Specifications

Renata Type ICP622540
IEC Designation ICP072642
Part Number 100651
Contact Method Wire AWG 26
Safety Circuit Yes with NTC

Nominal Voltage 3.7 V Nominal Capacity 600 mAh Minimum Capacity 550 mAh

(0.2C cut off 3.0 V at

20°C)

Internal Impedance $< 220 \text{ m}\Omega / 30\% \text{ SOC}$

Thickness (t) Max 6.5 mm
Lenghth (I) Max 42.5 mm
Width (w) Max 25.7 mm

Weight ~ 11 g

CC/CV – Constant Current / Constant Voltage

Voltage 4.2 V CV

Current Normal 0.5 C CC – 300 mA

Max. Charging Current 1.0 C CC – 600 mA

Temperature at Charging 0 °C 45 °C

Discharge Characteristic

Cut off Voltage 3.0 V

Max Discharge Current 2.0 C – 1200 mA (for non continues discharge)

1.0 C – 600 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)

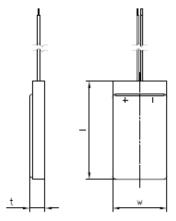
Storage Temperature -20 °C ... 45 °C

(0 °C ... 30 °C recommended in case of storage for

more than 3 months)

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Dimensions



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