

ICP602823PA

Rechargeable Lithium Ion Polymer Battery Pack 3.7 V

Safety Circuit

Specifications

Renata Type	ICP602823
IEC Designation	ICP072926
Part Number	100697
Contact Method:	Wire AWG 30
Safety Circuit	Yes

Nominal Voltage	3.7 V
Nominal Capacity	350 mAh
Minimum Capacity	335 mAh (0.2C cut off 3.0 V at 20 °C)

Internal Impedance	< 260 mΩ / 50% SOC
--------------------	--------------------

Thickness (t)	Max 6.4 mm
Length (l)	Max 25.5 mm
Width (w)	Max 28.0 mm
Weight	~ 7.3 g

Charging Characteristic

Voltage	CC/CV – Constant Current / Constant Voltage
Current Normal	4.2 V CV
Max. Charging Current	0.5 C CC – 175 mA
Temperature at Charging	1.0 C CC – 350 mA
	0 °C 45 °C

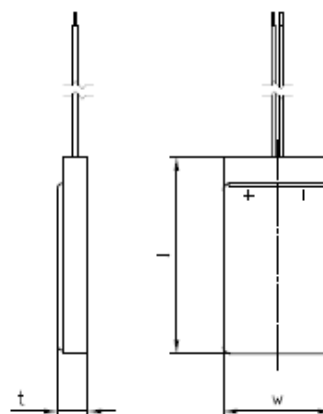
Discharge Characteristic

Cut off Voltage	3.0 V
Max discharge Current	2.0 C – 700 mA (for non continues discharge)
	1.0 C – 350 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



Information and contents in this data sheet are for reference purpose only. They do not constitute any warranty or representation and are subject to change without notice. For most current information and further details, please contact your Renata representative.

Rev. Li Ion ICP602823 – 11.09

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Renata:](#)

[ICP602823PA](#)