



Lithium Polymer batteries



Renata No. **ICP341018PM**
Capacity **35 mAh**
Thickness **3.7 mm**
Width **10.2 mm**
Length **19.5 mm**



Renata No. **ICP501022UPM**
Capacity **80 mAh**
Thickness **5.5 mm**
Width **10 mm**
Length **24 mm**



Renata No. **ICP641414PE**
Capacity **95 mAh**
Thickness **6.8 mm**
Width **14.9 mm**
Length **16.8 mm**



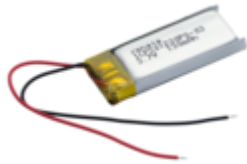
Renata No.
ICP501421PS-01
Capacity
115 mAh
Thickness
5.2 mm
Width
14.1 mm
Length
22.5 mm



Renata No.
ICP651321PA-01
Capacity
120 mAh
Thickness
6.6 mm
Width
13 mm
Length
23 mm



Renata No.
ICP401230UPR
Capacity
130 mAh
Thickness
4.5 mm
Width
12.7 mm
Length
31 mm



Renata No.

ICP501230PS-03

Capacity
135 mAh

Thickness
5.4 mm

Width
12.5 mm

Length
31.5 mm



Renata No.

ICP501230

Capacity
140 mAh

Thickness
5 mm

Width
12 mm

Length
30 mm



Renata No.

ICP581323PA-01

Capacity
145 mAh

Thickness
6.2 mm

Width
13.2 mm

Length
25 mm



Renata No.

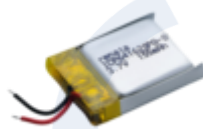
ICP402025PC-01

Capacity
155 mAh

Thickness
4.3 mm

Width
20.5 mm

Length
27.5 mm



Renata No.

ICP641620PA-01

Capacity
165 mAh

Thickness
6.9 mm

Width
16 mm

Length
21.5 mm



Renata No.

ICP501233PA-02

Capacity
175 mAh

Thickness
5.3 mm

Width
12 mm

Length
35 mm



Renata No.

ICP402035

Capacity

195 mAh

Thickness

4.4 mm

Width

20 mm

Length

35 mm



Renata No.

ICP621333PA-01

Capacity

240 mAh

Thickness

6.7 mm

Width

13 mm

Length

35 mm



Renata No.

ICP521630PM-01

Capacity

250 mAh

Thickness

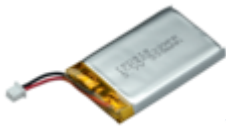
5.7 mm

Width

17 mm

Length

31.5 mm



Renata No.

ICP422339PR

Capacity

340 mAh

Thickness

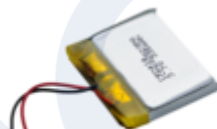
4.5 mm

Width

23.7 mm

Length

40.5 mm



Renata No.

ICP602823PA-01

Capacity

350 mAh

Thickness

6.4 mm

Width

28 mm

Length

25.5 mm



Renata No.

ICP402050PR

Capacity

420 mAh

Thickness

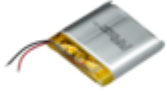
4.5 mm

Width

20.7 mm

Length

52.5 mm

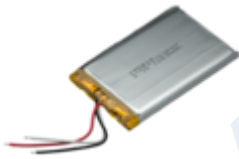


Renata No.
ICP582930PR-01
Capacity
450 mAh
Thickness
6.2 mm
Width
29.5 mm
Length
32 mm



Renata No.
ICP303450PA-02
Capacity
510 mAh
Thickness
3.5 mm
Width
34.5 mm
Length
52 mm

Renata No.
ICP622540PMT**
Capacity
600 mAh
Thickness
6.5 mm
Width
25.7 mm
Length
42.5 mm



Renata No.
ICP543759PMT**
Capacity
1320 mAh
Thickness
5.95 mm
Width
37.5 mm
Length
61 mm



Renata No.
ICP606168PRT**
Capacity
2800 mAh
Thickness
6.3 mm
Width
62 mm
Length
71 mm

Lithium Polymer Batteries

A Leader in Energy Density

Due to their high energy density and low internal resistance, lithium - ion batteries can handle high current loads, and have become the battery of choice when the energy density is important. They offer a higher specific energy than other storage batteries and are frequently used in applications where weight and size are critical factors.

Light - weight and Reliable

We offer a large selection of lithium - ion batteries that are up to 20% lighter than conventional cylindrical cell batteries. They are available with a capacity of 35 to 2800 mAh and have a rated voltage from 3.7 to 3.8 V.

The careful production process of our lithium - ion batteries, prevent the battery from swelling during use, which often occurs in conventionally manufactured batteries. Most models within our ICP series, have an internal safety circuit that provides reliable protection against overcharging and discharging, and also prevents overloading, including shorts.

Our compact pouch - pack housing allows design engineers in particular, to use our thinner batteries for many OEM applications in products today.

Your Advantages at a Glance

- Compact prismatic shape factor with high energy density
- Long - life for all products in our assortment
- Reliable operation due to integrated safety circuit
- High cycle stability (500 charge/discharge cycles up to 80% residual capacity)
- Rated voltage of 3.7 - 3.8 V
- High discharge currents
- Capacity in the range from 35 to 2800 mAh
- Operating temperature from -20 °C to 60 °C
- Charge voltage 4.2 - 4.35 V
- UN38.3 tested
- Many models already IEC62133 certified
- BIS (India), KC (Korea) and UN2054 certification at customer request
- UL-listed battery cells

In addition to our standard portfolio, we offer individualized solutions and modifications for larger-volume projects. Contact us for a non-binding consultation.