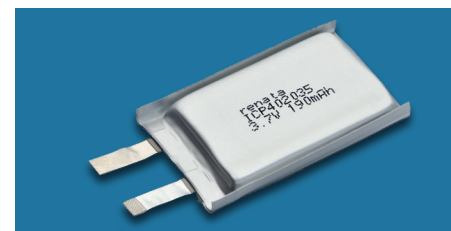
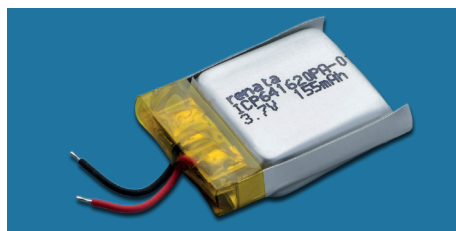
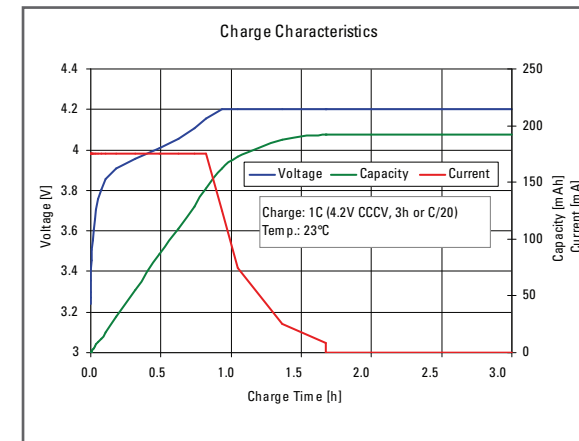
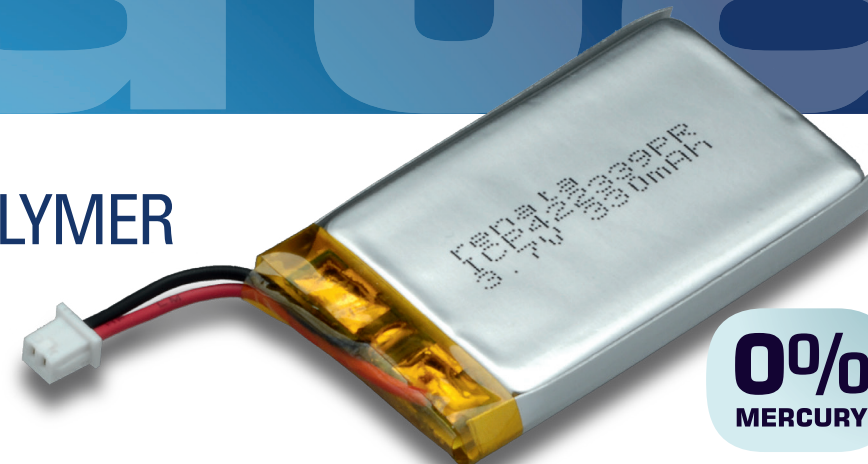


# renata batteries

## 3.7V / 3.85V RECHARGEABLE LITHIUM-ION POLYMER

STANDARD SPECIFICATIONS	
Nominal voltage	3.7V / 3.85V
Capacity range	33... 2700 mAh (0.2 C Cut off 3.0V at 20°C)
Storage temperature	-20°C / +45°C 0°C / +30°C for storage > 3 month
CHARGING CHARACTERISTICS	
Voltage	4.2V / 4.35V
Current normal	0.5 C (Constant current)
Max. charging current	1.0 C (Constant current)
Temperature at charging	0°C / +45°C
DISCHARGE CHARACTERISTICS	
Max. discharge current	2.0 C (Non-Continuous current) 1.0 C (Continuous current)
Temperature at discharging	-20°C / +60°C
Cycle life at room temperature	> 80% of min. capacity after 500 cycles (0.5 C charge, 0.5 C discharge)

FEATURES
High energy density with a low profile
Cobalt-Oxide electrode technology
Customization possible
UL certified: file MH 14002
IEC62133 certification available for many standard models
Other certifications (KR/BIS/BSMI...) possible on request



# renata batteries

## 3.7V / 3.85V RECHARGEABLE LITHIUM-ION POLYMER

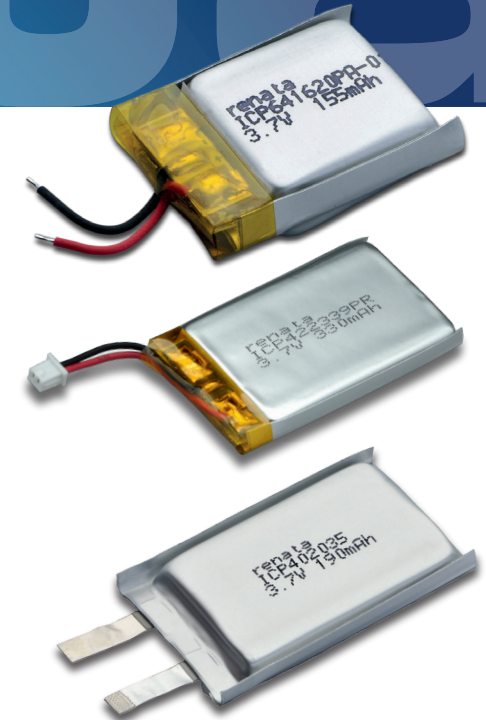
Renata Part No.	Cell Model	*Dimensions in mm			Capacity (mAh)		Contact
		Thickness	Width	Length	Min	Typical	
100290	ICP241019	2.40	11.20	19.30	24	25	tabs (no PCM)
100730	ICP341018PM	3.70	10.20	19.50	33	35	wire
100735	ICP331319PM	3.75	12.60	20.30	45	50	wire
101024	ICP281029HPG ***	3.30	10.20	30.50	65	68	tabs (no PCM)
100640	ICP501022UPM	5.50	10.00	24.00	75	80	wire
101025	ICP390831PR	4.30	8.70	33.00	80	80	wire
100694	ICP641414PE	6.70	14.90	16.80	85	95	wire
100690	ICP501421PS	5.20	14.10	22.50	108	115	wire
100696	ICP651321PA-01	7.00	13.20	23.50	110	120	wire
100642	ICP401230UPR	4.50	12.70	31.00	125	130	wire
100935	ICP521522PS*	5.70	15.50	23.50	125	135	connector
100688	ICP501230PS-03	5.40	12.50	31.50	130	135	wire
100692	ICP581323PA-01	6.20	13.20	25.00	140	145	wire
100644	ICP402025PC-01	4.30	20.50	27.50	150	155	wire
100695	ICP641620PA-01	6.90	16.20	21.50	155	165	connector
100689	ICP501233PA-02	5.30	12.00	35.00	170	175	wire
100645	ICP402035	4.40	20.00	35.00	190	195	tabs (no PCM)
101026	ICP401835TPRT **	4.40	18.20	37.00	205	215	wire
100693	ICP621333PA-01	6.70	13.00	35.00	230	240	wire
100691	ICP521630PM-01	5.70	17.00	31.50	240	250	wire
101027	ICP621333HPMT ** ***	6.80	13.00	35.00	260	270	wire
101028	ICP403029PL-02	4.40	31.00	31.00	310	325	wire
100648	ICP422339PR	4.60	23.70	40.50	330	340	connector
101029	ICP582035PR-01	6.40	20.50	37.00	330	340	wire
100697	ICP602823PA-01	6.40	28.20	25.50	335	350	wire
100649	ICP402050PR	4.50	20.70	52.50	400	420	wire
100650	ICP582930PR-01	6.20	29.50	32.00	430	450	wire
100701	ICP303450PA-02	3.50	34.50	52.00	500	510	wire
101030	ICP632136HPST ** ***	6.95	21.50	39.50	500	520	wire
101031	ICP682828HPMT ** ***	7.50	28.00	30.00	530	560	wire
100651	ICP622540PMT **	6.50	25.70	42.50	550	600	wire
100652	ICP543759PMT **	5.95	37.50	61.00	1260	1320	wire
100758	ICP606168PRT **	6.30	62.00	71.00	2700	2800	wire

\*) Dimensions after 500 cycles

\*\*) Negative Temperature Coefficient

\*\*\*) 3.85V model

09.2022



Dimensions of a cell model

