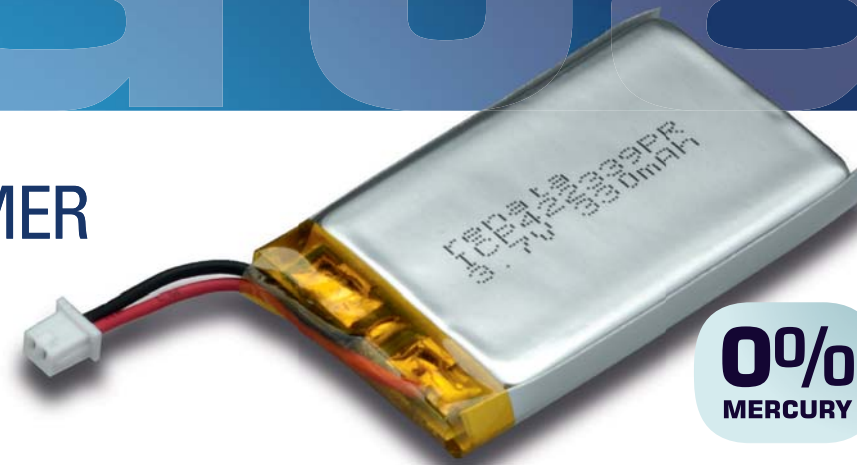
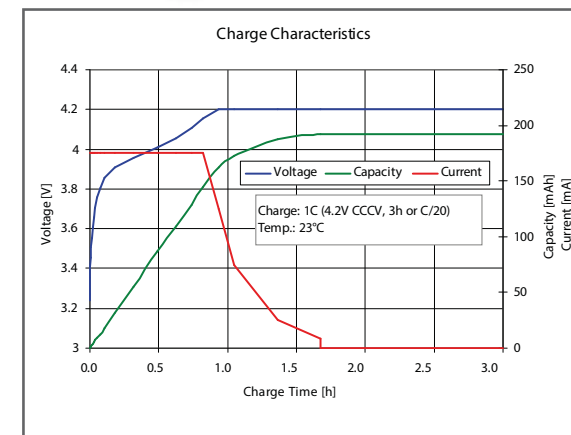


## 3.7V RECHARGEABLE LITHIUM-ION POLYMER



STANDARD SPECIFICATIONS	
Nominal voltage	3.7V
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	4.2 V
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
Gel electrolyte which prevent leakage
Customization possible
UL certified: file MH 14002

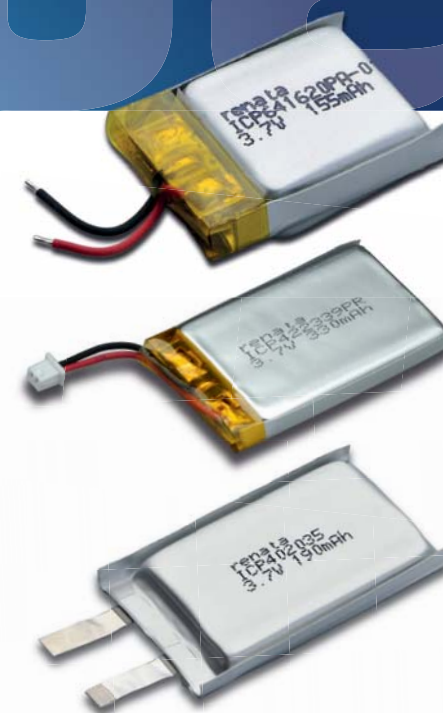


## 3.7V RECHARGEABLE LITHIUM-ION POLYMER

Renata Part	Cell Model	Dimensions (mm) *			Capacity (mAh)		Safety Circuit	Contact
		Thickness	Width	Length	Min.	Typical		
100730	ICP341018PM	3.70	10.20	19.50	33	35	yes	wire
100640	ICP501022UPM	5.50	10.00	24.00	75	80	yes	wire
100695	ICP641414PM	6.80	14.90	16.80	85	95	yes	wire
100690	ICP501421PS-01	5.40	14.20	23.00	110	115	yes	wire
100696	ICP651321PA	6.60	13.00	23.00	110	120	yes	wire
100642	ICP401230UPR	4.50	12.70	31.00	125	130	yes	wire
100643	ICP501230	5.00	12.00	30.00	130	140	no	tab
100688	ICP501230PS-02	5.40	12.50	31.50	130	135	yes	wire
100692	ICP581323PA	6.20	13.20	25.00	140	145	yes	wire
100644	ICP402025PC-1	4.30	20.50	27.50	150	155	yes	connector
100695	ICP641620PA	6.90	16.00	21.50	155	165	yes	wire
100689	ICP501233PA	5.30	12.00	35.00	170	175	yes	wire
100645	ICP402035	4.40	20.00	35.00	190	195	no	tab
100693	ICP621333PA	6.70	13.00	35.00	230	240	yes	wire
100691	ICP521630PM	5.70	17.00	31.50	240	250	yes	wire
100648	ICP422339PR	4.50	23.70	40.50	330	340	yes	connector
100697	ICP602823PA	6.40	28.00	25.50	335	350	yes	wire
100649	ICP402050PR	4.50	20.70	52.50	400	420	yes	wire
100650	ICP582930PR-01	6.20	29.50	32.00	430	450	yes	wire
100701	ICP303450PA	3.50	34.50	52.00	500	510	yes	wire
100651 **	ICP622540PMT	6.50	25.70	42.50	550	600	yes	wire
100652 **	ICP543759PMT	5.95	37.50	61.00	1260	1320	yes	wire
100758 **	ICP606168PRT	6.30	62.00	71.00	2700	2800	yes	wire

\*) Dimensions after 500 cycles

\*\*) Negative Temperature Coefficient



Dimensions of a cell model.

