

YOUR SOURCE FOR LITHIUM POLYMER BATTERIES



KEY FEATURES - BENEFITS

Standard Specifications	
Nominal Voltage	3.7 V
Capacity Range	68 - 5000 mAh
Cycle Life	500+ cycles
Operating Temperature	-20°C ~ +60°C
Storage Temperature	-20°C ~ +45°C / ≤ 3 months

Charging Characteristics	
Voltage	4.2 V
Standard current	0.5 C
Max. current	1 C

Discharge Characteristics	
Standard current	0.2 C
Max. current	2 C (non-continuous)

- High energy density
- High safety
- High reliability
- Customisation possible
- Flexible form-factor: seamless integration
- Wide range of standards
- Cycle life: > 500
- UL listed

Lithium polymer batteries offer many advantages. Lithium polymer has a greater energy density in terms of weight than lithium ion. Lithium polymer batteries employ the laminated aluminium foil as battery case, which is lighter, thinner, more flexible and safer. Generally, there is more flexibility in cell sizes and shape with lithium polymer. Many smartphones, GPS devices and laptops now employ lithium polymer cells.

We are able to design and manufacture customised, performance-critical battery packs for all sectors of the electronics industry. With our knowledge and capability, we are able to provide many solutions for lithium polymer battery packs. With these cells, we are able to design and manufacture custom battery packs in a short time.

Standard Lithium Polymer Cells

- Stock available
- Production for samples: 1 week
- Perfect quality, performance and safety

Description	Typ. Capacity (mAh)	Min. Capacity (mAh)	Dimensions (mm)		
			Thickness	Width	Length
LP242122J	70	68	2.6	21.0	22.0
LP481224J	93	90	4.8	12.0	24.5
LP251730J	100	95	2.6	17.5	30.5
LP401426J	110	105	4.1	14.0	26.0
LP402025J	145	140	4.0	20.5	25.5
LP501230J	145	140	5.0	12.5	30.5
LP521521J	145	140	5.55	15.8	21.5
LP172272J	155	150	1.7	22.8	72.0
LP243331J	205	200	2.5	33.5	31.5
LP851719J	210	200	8.5	17.0	19.0
LP502030J	235	230	5	20.5	30.5
LP372339J	300	290	3.7	23.0	39.0
LP402535J	320	310	4.6	25.5	35.5
LP502243J	470	450	5.6	22.5	45.5
LP562438J	510	500	5.6	24.5	38.5
LP802036J	520	500	8.0	20.0	36.0
LP423742J	650	620	4.7	37.5	42.5
LP603040J	700	680	5.8	30.5	40.5
LP523450J	1030	1000	5.2	34.5	50.5
LP503562J	1260	1250	5.2	35.5	62.5
LP503562J	1270	1250	5.0	35.0	62.0
LP633750J	1270	1220	6.5	37.5	50.5
LP503759J	1380	1350	5.2	37.0	59.5
LP103048J	1500	1450	9.9	30.0	48.0
LP103048J	1510	1450	10.2	30.7	48.0
LP454261J	1520	1480	4.6	41.5	61.3
LP704060J	1750	1700	7.0	40.5	60.5
LP325486J	1840	1800	3.2	54.0	86.0
LP103450J	1850	1800	10.2	34.5	50.5
LP605060J	1970	1900	6.20	50.50	60.5
LP504783J	2200	2100	5.2	47.5	83.5
LP854165J	2500	2400	8.5	41.5	64.5
LP387095J	2800	2700	3.8	70.5	95.0
LP705176JS	3150	3000	7.2	51.0	76.0