

Lithium Polymer Data Sheet

29 standard lipo pouch cells from 60mAh to 3000mAh, 3.7V nominal, 4.2V charge voltage.

Cells are 3.7V nominal with a 4.2V charge voltage, a 3.0V discharge cut-off and around 500 cycles. The standard charge current is 0.2C.

Every cell ships with a protection circuit module. Connectors such as JST are fitted to your specification, and non standard sizes are made to order.

All figures on this sheet are published by Sunder Battery on sunderbattery.com. Nothing here is estimated. Where a value depends on a test condition, the condition is printed beside it.

Lithium Polymer Battery Model List

Model	Voltage (V)	Capacity (mAh)	Dimension with PCB T*W*L (mm)
PL401030	3.7	80	4.2*10.5*32.5
PL401121	3.7	60	4.2*11.5*23.5
PL481221	3.7	70	5.0*12.5*23.5
PL501225	3.7	90	5.2*12.5*27.5
PL401230	3.7	120	4.2*12.5*32.5
PL501235	3.7	160	5.2*12.5*37.5
PL501730	3.7	200	5.2*17.5*32.5
PL352025	3.7	110	4.0*20.5*27.5
PL502025	3.7	200	5.2*20.5*27.5
PL402030	3.7	190	4.2*20.5*32.5
PL502030	3.7	250	5.2*20.5*32.5
PL652030	3.7	350	6.7*20.5*32.5
PL802030	3.7	420	8.2*20.5*32.5
PL552035	3.7	350	5.7*20.5*37.5
PL702040	3.7	500	7.2*20.5*42.5
PL503030	3.7	430	5.2*30.5*32.5
PL503034	3.7	460	5.2*30.5*36.5
PL803035	3.7	800	8.2*30.5*37.5
PL603040	3.7	750	6.2*30.5*42.5
PL603048	3.7	900	6.2*30.5*50.5
PL753048	3.7	1200	7.7*30.5*50.5
PL523450	3.7	1000	5.4*34.5*52.5
PL853450	3.7	1500	8.7*34.5*52.5
PL704060	3.7	1800	7.2*40.5*62.5
PL553759	3.7	1350	5.7*37.5*61.5
PL535058	3.7	1600	5.5*50.5*60.5
PL783448	3.7	1300	8.0*34.5*50.5
PL603030	3.7	520	6.2*30.5*32.5
PL755070	3.7	3000	7.7*50.5*72.5

The model number is the bare pouch size in millimetres. The dimension column is the size with the protection board fitted, which is the number your enclosure must accept.