

LiPo Battery

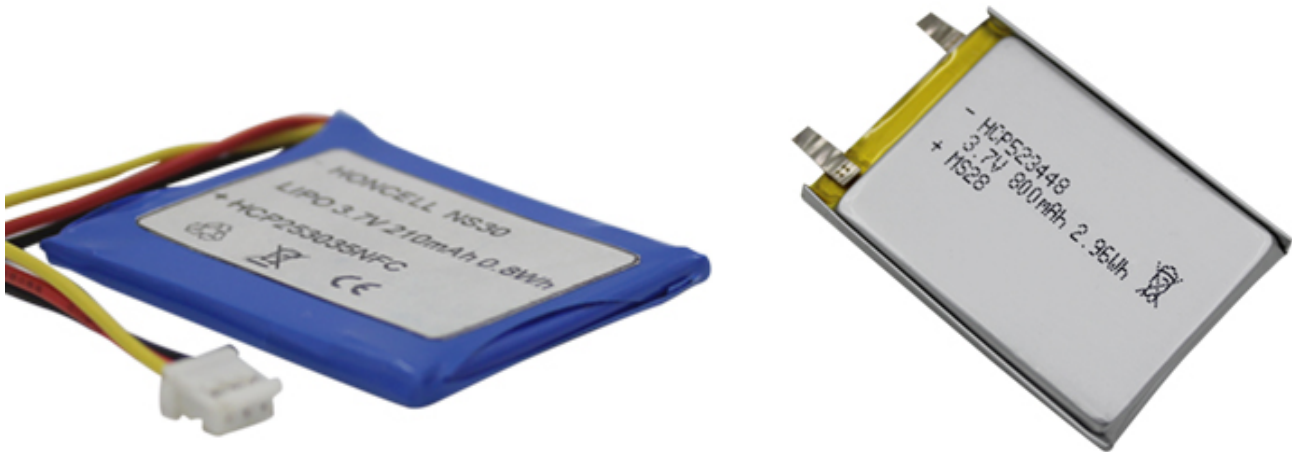
Small Capacity Cells 3.7V, 25-1,000mAh

Small capacity (3.7V, 25-1,000mAh) Li-polymer cells are often used to power portable devices and equipments, and can also be used to provide battery back up in powered devices.

Cells can be combined and assembled in series to increase voltage and parallel to increase capacity by using several identical secondary cells.

Thermistors or thermal fuses and gas gauging can be added if required.

Connection method can be tabs soldering directly, lead wires and / or with a specified connector (see page 6)



Model Selection Guide

Width (W) and length (L) are fixed for each cell size but thickness (T) is variable, which can increase or decrease cell capacity for the same fixed width and length Lipo cell.

Due to space limitations, if you don't see the exact width and length you want here below in the list or not even a closer model to your size required, please contact us for more.

Adding a PCM on the cell will increase approx. 1.5-2.0mm to the overall length, and 0.5mm to the thickness after assembly.

Model No.	Voltage	Capacity	Cell Dimension Max.(mm)			Impedance	Weight	Remark
	V	mAh	Thickness	Width	Length	mΩ<	g	
HCP301215	3.7	25	3.0	12.5	15.5	700	1.0	RoHS
HCP331055	3.7	25	3.3	10.5	55.5	200	3.0	RoHS
HCP251020	3.7	25	2.5	10.5	20.5	700	0.8	RoHS
HCP251515	3.7	28	2.5	15.5	15.5	480	1.0	RoHS
HCP381018	3.7	35	3.8	10.5	18.5	700	1.0	RoHS
HCP251419	3.7	35	2.5	14.5	19.5	900	1.5	RoHS
HCP301520	3.7	40	3.0	15.5	20.5	500	1.5	RoHS
HCP301317	3.7	40	3.0	13.5	17.5	500	1.2	RoHS
HCP301220	3.7	40	3.0	12.5	20.5	500	1.5	RoHS
HCP281222	3.7	45	2.8	12.5	22.5	450	1.5	RoHS
HCP381120	3.7	45	3.8	11.5	20.5	350	1.5	RoHS
HCP301027	3.7	45	3.0	10.5	27.5	480	1.5	RoHS
HCP351219	3.7	45	3.5	12.5	19.5	470	1.5	RoHS
HCP501215	3.7	45	5.0	12.5	15.5	460	1.5	RoHS
HCP182030	3.7	45	1.8	20.5	30.5	450	1.5	RoHS
HCP401515	3.7	48	4.0	15.5	15.5	480	1.5	RoHS
HCP451416	3.7	50	4.5	14.5	16.5	400	1.5	RoHS
HCP301320	3.7	50	3.0	13.5	20.5	420	1.6	RoHS
HCP301024	3.7	50	3.2	10.5	24.5	420	1.5	RoHS
HCP501417	3.7	50	5.0	14.5	17.5	350	2.0	RoHS
HCP371025	3.7	50	3.7	10.5	25.5	350	2.0	RoHS
HCP401020	3.7	55	4.0	10.5	20.5	350	1.4	RoHS
HCP501218	3.7	60	5.0	12.5	18.5	420	1.8	RoHS
HCP341028	3.7	60	3.4	10.5	28.5	400	2.3	RoHS
HCP401220	3.7	65	4.0	12.5	20.5	400	1.6	RoHS
HCP381223	3.7	65	3.8	12.5	23.5	360	1.7	RoHS
HCP301033	3.7	70	3.0	10.5	33.5	320	2.5	RoHS
HCP251235	3.7	70	2.5	12.5	35.5	315	2.0	RoHS
HCP301426	3.7	75	3.0	14.5	26.5	300	1.8	RoHS
HCP321035	3.7	75	3.2	10.5	35.5	250	2.0	RoHS
HCP401422	3.7	80	4.0	14.5	22.5	280	2.0	RoHS
HCP501221	3.7	80	5.0	12.5	21.5	280	2.0	RoHS
HCP401421	3.7	80	4.0	14.5	21.5	280	2.0	RoHS
HCP401030	3.7	80	4.0	10.5	30.5	400	2.0	RoHS
HCP451124	3.7	85	4.5	11.5	24.5	300	2.0	RoHS
HCP411029	3.7	85	4.1	10.5	29.5	300	2.6	RoHS
HCP501220	3.7	85	5.0	12.5	20.5	280	2.0	RoHS
HCP381920	3.7	90	3.8	19.5	20.5	300	2.5	RoHS
HCP381525	3.7	90	3.8	15.5	25.5	240	2.0	RoHS
HCP351624	3.7	90	3.5	16.5	24.5	240	2.0	RoHS
HCP302222	3.7	100	3.0	22.5	22.5	260	2.5	RoHS
HCP301048	3.7	100	3.0	10.5	48.5	200	2.5	RoHS
HCP601220	3.7	100	6.0	12.5	20.5	320	2.5	RoHS
HCP451225	3.7	100	4.5	12.5	25.5	280	2.4	RoHS
HCP431035	3.7	110	4.3	10.5	35.5	270	2.5	RoHS
HCP482020	3.7	120	4.8	20.5	20.5	220	3.0	RoHS
HCP401039	3.7	120	4.0	10.5	39.5	250	2.6	RoHS
HCP451725	3.7	120	4.5	17.5	25.5	200	3.0	RoHS
HCP421428	3.7	120	4.2	14.5	28.5	200	3.0	RoHS

HCP401135	3.7	120	4.0	11.5	35.5	350	2.0	RoHS
HCP481230	3.7	125	4.8	12.5	30.5	300	3.0	RoHS
HCP402023	3.7	125	4.0	20.5	23.5	200	3.5	RoHS
HCP751518	3.7	130	7.5	15.5	18.5	390	3.0	RoHS
HCP401430	3.7	130	4.0	14.5	30.5	200	3.0	RoHS
HCP302323	3.7	130	3.0	23.5	23.5	200	3.0	RoHS
HCP402025	3.7	140	4.0	20.5	25.5	200	3.5	RoHS
HCP491132	3.7	145	4.9	11.5	32.5	200	3.5	RoHS
HCP442022	3.7	145	4.4	20.5	22.5	180	3.5	RoHS
HCP501232	3.7	145	5.0	12.5	32.5	170	2.5	RoHS
HCP651723	3.7	150	6.5	17.5	23.5	75	4.0	RoHS
HCP501528	3.7	150	5.0	15.5	28.5	170	6.5	RoHS
HCP452023	3.7	150	4.5	20.5	23.5	200	3.5	RoHS
HCP422025	3.7	150	4.2	20.5	25.5	170	3.3	RoHS
HCP252530	3.7	150	2.5	25.5	30.5	170	3.5	RoHS
HCP801223	3.7	155	8.0	12.5	23.5	210	2.0	RoHS
HCP601230	3.7	160	6.0	12.5	30.5	210	4.0	RoHS
HCP371058	3.7	160	3.7	10.5	58.5	250	4.5	RoHS
HCP352030	3.7	160	3.5	20.5	30.5	130	4.0	RoHS
HCP272332	3.7	165	2.7	23.5	32.5	180	4.0	RoHS
HCP801818	3.7	170	8.0	18.5	18.5	160	4.5	RoHS
HCP501240	3.7	170	5.0	12.5	40.5	170	4	RoHS
HCP402227	3.7	180	4.0	22.5	27.5	150	3.5	RoHS
HCP292332	3.7	180	2.9	23.5	32.5	180	4.0	RoHS
HCP551430	3.7	180	5.5	14.5	30.5	150	4.0	RoHS
HCP451730	3.7	180	4.5	17.5	30.5	150	4.5	RoHS
HCP382030	3.7	180	3.8	20.5	30.5	150	4.3	RoHS
HCP401440	3.7	190	4.0	14.5	40.5	200	4.5	RoHS
HCP501630	3.7	200	5.0	16.5	30.5	140	4.0	RoHS
HCP361643	3.7	200	3.6	16.5	43.5	155	4.5	RoHS
HCP481435	3.7	200	4.8	14.5	35.5	120	5.0	RoHS
HCP451635	3.7	200	4.5	16.5	35.5	100	4.5	RoHS
HCP451245	3.7	200	4.5	12.5	45.5	140	4.5	RoHS
HCP402525	3.7	200	4.0	25.5	25.5	180	4.5	RoHS
HCP512323	3.7	210	5.1	23.5	23.5	150	4.5	RoHS
HCP283035	3.7	210	2.8	30.5	35.5	90	5.5	RoHS
HCP253035	3.7	210	2.5	30.5	35.5	150	4.5	RoHS
HCP203040	3.7	210	2.0	30.5	40.5	100	5.0	RoHS
HCP372629	3.7	220	3.7	26.5	29.5	140	5.3	RoHS
HCP701429	3.7	220	7.0	14.5	29.5	150	5.3	RoHS
HCP701533	3.7	230	7.0	15.5	33.5	100	5.5	RoHS
HCP452626	3.7	230	4.5	26.5	26.5	150	5.0	RoHS
HCP461834	3.7	230	4.6	18.5	34.5	150	5.5	RoHS
HCP402628	3.7	240	4.0	26.5	28.5	130	5.5	RoHS
HCP602025	3.7	240	6.0	20.5	25.5	130	5.5	RoHS
HCP352533	3.7	245	3.5	25.5	33.5	150	6.0	RoHS
HCP602323	3.7	250	6.0	23.5	23.5	120	5.5	RoHS
HCP552027	3.7	250	5.5	20.5	27.5	140	6.0	RoHS
HCP551730	3.7	250	5.5	17.5	30.5	150	5.5	RoHS
HCP502325	3.7	250	5.0	23.5	25.5	120	5.8	RoHS
HCP502030	3.7	250	5.0	20.5	30.5	120	5.5	RoHS
HCP431165	3.7	250	4.3	11.5	65.5	120	6.0	RoHS

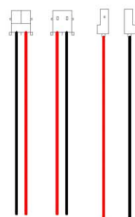
HCP602425	3.7	255	6.0	24.5	25.5	100	6.0	RoHS
HCP762022	3.7	260	7.6	20.5	22.5	130	5.5	RoHS
HCP601537	3.7	260	6.0	15.5	37.5	130	6.0	RoHS
HCP602038	3.7	270	6.0	20.5	38.5	120	6.2	RoHS
HCP382730	3.7	270	3.8	27.5	30.5	150	5.0	RoHS
HCP501643	3.7	280	5.0	16.5	43.5	90	6.0	RoHS
HCP402040	3.7	280	4.0	20.5	40.5	90	5.5	RoHS
HCP401550	3.7	280	4.0	15.5	50.5	110	6.0	RoHS
HCP352044	3.7	280	3.5	20.5	44.5	120	6.0	RoHS
HCP303035	3.7	280	3.0	30.5	35.5	120	6.5	RoHS
HCP552030	3.7	280	5.5	20.5	30.5	100	5.5	RoHS
HCP702323	3.7	300	7.0	23.5	23.5	120	6.0	RoHS
HCP602626	3.7	300	6.0	26.5	26.5	130	6.0	RoHS
HCP602030	3.7	300	6.0	20.5	30.5	130	6.0	RoHS
HCP602525	3.7	300	6.0	25.5	25.5	100	6.0	RoHS
HCP582030	3.7	300	5.8	20.5	30.5	120	6.5	RoHS
HCP381752	3.7	300	3.8	17.5	52.5	100	6.5	RoHS
HCP701435	3.7	300	7.0	14.5	35.5	120	6.5	RoHS
HCP801927	3.7	320	8.0	19.5	27.5	160	7.5	RoHS
HCP701439	3.7	320	7.0	14.5	39.5	100	7.0	RoHS
HCP651248	3.7	330	6.5	12.5	48.5	130	6.0	RoHS
HCP551838	3.7	330	5.5	18.5	38.5	90	7.5	RoHS
HCP801730	3.7	350	8.0	17.5	30.5	100	7.0	RoHS
HCP552035	3.7	350	5.5	20.5	35.5	90	7.5	RoHS
HCP452339	3.7	350	4.5	23.5	39.5	95	7.5	RoHS
HCP402050	3.7	360	4.0	20.5	50.5	120	7.8	RoHS
HCP401471	3.7	360	4.0	14.5	71.5	120	6.5	RoHS
HCP252487	3.7	370	2.5	24.5	87.5	120	8.0	RoHS
HCP502040	3.7	370	5.0	20.5	40.5	100	8	RoHS
HCP502533	3.7	370	5.0	25.5	33.5	80	7.5	RoHS
HCP902323	3.7	380	9.0	23.5	23.5	90	7.0	RoHS
HCP701834	3.7	380	7.0	18.5	34.5	90	7.5	RoHS
HCP651643	3.7	380	6.5	16.5	43.5	90	8.0	RoHS
HCP552040	3.7	380	5.5	20.5	40.5	80	8.0	RoHS
HCP452634	3.7	380	4.5	26.5	34.5	85	7.5	RoHS
HCP802030	3.7	390	8.0	20.5	30.5	140	9.0	RoHS
HCP922126	3.7	400	9.2	21.5	26.5	100	8.5	RoHS
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HCP701643	3.7	400	7.0	16.5	43.5	80	8.5	RoHS
HCP652530	3.7	400	6.5	25.5	30.5	100	7.5	RoHS
HCP503030	3.7	400	5.0	30.5	30.5	100	8.5	RoHS
HCP502734	3.7	420	5.0	27.5	34.5	110	9.0	RoHS
HCP502734	3.7	420	5.0	24.5	37.5	110	9.0	RoHS
HCP501866	3.7	420	5.0	18.5	66.5	90	9.0	RoHS
HCP651452	3.7	420	6.5	14.5	52.5	100	7.5	RoHS
HCP602040	3.7	420	6.0	20.5	40.5	70	9.0	RoHS
HCP502339	3.7	420	5.0	23.5	39.5	70	8.5	RoHS
HCP751643	3.7	430	7.5	16.5	43.5	80	9.0	RoHS
HCP631646	3.7	430	6.3	16.5	46.5	80	9.0	RoHS
HCP552535	3.7	430	5.5	25.5	35.5	80	8.5	RoHS
HCP423040	3.7	450	4.2	30.5	40.5	150	10.0	RoHS

HCP681452	3.7	450	6.8	14.5	52.5	100	7.6	RoHS
HCP751447	3.7	450	7.5	14.5	47.5	450	8	RoHS
HCP451575	3.7	450	4.5	15.5	75.5	90	13.5	RoHS
HCP551752	3.7	450	5.5	17.5	52.5	100	9.0	RoHS
HCP502248	3.7	450	5.0	22.5	48.5	90	9.0	RoHS
HCP492148	3.7	470	4.9	21.5	48.5	85	9.0	RoHS
HCP283448	3.7	470	2.8	34.5	48.5	100	9	RoHS
HCP801740	3.7	470	8.0	17.5	40.5	90	9.5	RoHS
HCP353445	3.7	470	3.5	34.5	45.5	80	9.8	RoHS
HCP702040	3.7	480	7.0	20.5	40.5	80	9.5	RoHS
HCP602338	3.7	480	6.0	23.5	38.5	80	9.0	RoHS
HCP443038	3.7	500	4.4	30.5	38.5	100	10.0	RoHS
HCP353048	3.7	500	3.5	30.5	48.5	70	10.5	RoHS
HCP961738	3.7	500	9.6	17.5	38.5	100	10.0	RoHS
HCP702530	3.7	500	7.0	25.5	30.5	100	10.0	RoHS
HCP652533	3.7	500	6.5	25.5	33.5	80	10.0	RoHS
HCP503040	3.7	500	5.0	30.5	40.5	70	10.5	RoHS
HCP503035	3.7	500	5.0	30.5	35.5	70	10.5	RoHS
HCP323450	3.7	500	3.2	34.5	50.5	60	10.5	RoHS
HCP333448	3.7	500	3.3	34.5	48.5	70	10.5	RoHS
HCP333157	3.7	520	3.3	31.5	57.5	60	11.5	RoHS
HCP681362	3.7	530	6.8	13.5	62.5	120	11	RoHS
HCP752533	3.7	550	7.5	25.5	33.5	85	11.5	RoHS
HCP752335	3.7	550	7.5	23.5	35.5	70	11.5	RoHS
HCP571562	3.7	560	5.7	15.5	62.5	80	9.0	RoHS
HCP582540	3.7	560	5.8	25.5	40.5	80	11.0	RoHS
HCP502742	3.7	580	5.0	27.5	42.5	70	11.5	RoHS
HCP683030	3.7	590	6.8	30.5	30.5	80	11.0	RoHS
HCP102033	3.7	600	10.0	20.5	33.5	80	12.0	RoHS
HCP752238	3.7	600	7.5	22.5	38.5	70	12.0	RoHS
HCP482260	3.7	600	4.8	22.5	60.5	60	11.5	RoHS
HCP453048	3.7	600	4.5	30.5	48.5	70	11.0	RoHS
HCP553040	3.7	630	5.5	30.5	40.5	80	12.0	RoHS
HCP652637	3.7	650	6.5	26.5	37.5	120	12.5	RoHS
HCP502068	3.7	650	5.0	20.5	68.5	80	12.5	RoHS
HCP801558	3.7	650	8.0	15.5	58.5	100	12	RoHS
HCP852040	3.7	650	8.5	20.5	40.5	90	13.0	RoHS
HCP752240	3.7	650	7.5	22.5	40.5	80	12.5	RoHS
HCP383450	3.7	650	3.8	34.5	50.5	60	13.5	RoHS
HCP102035	3.7	650	10.0	20.5	35.5	140	11.0	RoHS
HCP541780	3.7	680	5.4	17.5	80.5	70	13.0	RoHS
HCP493048	3.7	700	4.9	30.5	48.5	100	13.0	RoHS
HCP403448	3.7	700	4.0	34.5	48.5	70	13.5	RoHS
HCP304360	3.7	700	3.0	43.5	60.5	60	13.5	RoHS
HCP303759	3.7	700	3.0	37.5	59.5	70	13.5	RoHS
HCP952532	3.7	720	9.5	25.5	32.5	120	14.0	RoHS
HCP852044	3.7	720	8.5	20.5	44.5	80	14.0	RoHS
HCP451885	3.7	730	4.5	18.5	85.5	80	14.0	RoHS
HCP902536	3.7	750	9.0	25.5	36.5	85	15.5	RoHS
HCP503640	3.7	750	5.0	36.5	40.5	60	14	RoHS
HCP752248	3.7	750	7.5	22.5	48.5	70	15.0	RoHS
HCP503442	3.7	750	5.0	34.5	42.5	70	14.5	RoHS

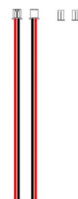
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HCP372775	3.7	750	3.7	27.5	75.5	70	14.0	RoHS
HCP922143	3.7	800	9.2	21.5	43.5	70	17.5	RoHS
HCP702550	3.7	800	7.0	25.5	50.5	50	16.0	RoHS
HCP602652	3.7	800	6.0	26.5	52.5	70	15.5	RoHS
HCP553442	3.7	800	5.5	34.5	42.5	60	16.0	RoHS
HCP523448	3.7	800	5.2	34.5	48.5	65	15.5	RoHS
HCP503943	3.7	800	5.0	39.5	43.5	50	16.5	RoHS
HCP752742	3.7	800	7.5	27.5	42.5	60	15.5	RoHS
HCP563445	3.7	820	5.6	34.5	45.5	70	16.0	RoHS
HCP453450	3.7	820	4.5	34.5	50.5	55	16.5	RoHS
HCP384052	3.7	820	3.8	40.5	52.5	70	16.0	RoHS
HCP363759	3.7	830	3.6	37.5	59.5	80	17.0	RoHS
HCP663837	3.7	850	6.6	38.5	37.5	70	18	RoHS
HCP473450	3.7	850	4.7	34.5	50.5	55	17.0	RoHS
HCP304167	3.7	850	3.0	41.5	67.5	50	17.5	RoHS
HCP473455	3.7	900	4.7	34.5	55.5	70	22.0	RoHS
HCP603442	3.7	900	6.0	34.5	42.5	60	17.0	RoHS
HCP752060	3.7	900	7.5	20.5	60.5	80	17.5	RoHS
HCP902248	3.7	900	9.0	22.5	48.5	60	17.5	RoHS
HCP652950	3.7	900	6.5	29.5	50.5	70	17.5	RoHS
HCP503060	3.7	900	5.0	30.5	60.5	70	17.5	RoHS
HCP354069	3.7	900	3.5	40.5	69.5	60	18.0	RoHS
HCP632080	3.7	950	6.3	20.5	80.5	65	17.5	RoHS
HCP833535	3.7	950	8.3	35.5	35.5	65	18.0	RoHS
HCP803040	3.7	950	8.0	30.5	40.5	60	18.0	RoHS
HCP603443	3.7	1000	6.0	34.5	43.5	50	22.0	RoHS

Standard connectors

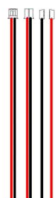
MOLEX5264-2P



MOLEX51021-2P



JST-PH2.0-2P



MOLEX87439-3P



Medium Capacity Cells 3.7V, 1,000-5,000mAh

Medium capacity (3.7V, 1,000 to 5,000mAh) Li-polymer cells are often used to power larger portable consumer devices and industrial applications requiring higher power levels and longer cycle life.

Cells can be combined and assembled in series to increase voltage and parallel to increase capacity by using several identical secondary cells. Thermistors or thermal fuses and gas gauging can be added if required.

Connection method can be tabs soldering directly, lead wires and / or with a specified connector (see page 9)



Model Selection Guide

Width (W) and length (L) are fixed for each cell size but thickness (T) is variable, which can increase or decrease cell capacity for the same fixed width and length Lipo cell.

Due to space limitations, if you don't see the exact width and length you want here below in the list or not even a closer model to your size required, please contact us for more.

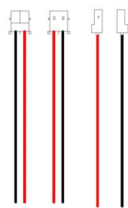
Adding a PCM on the cell will increase approx. 1.5-2.0mm to the overall length, and 0.5mm to the thickness after assembly.

Model No.	Voltage	Capacity	Cell Dimension Max.(mm)			Impedance	Weight	Remark
	V	mAh	Thickness	Width	Length	mΩ<	g	
HCP304863	3.7	1000	3.0	48.5	63.5	40	19.0	RoHS
HCP583450	3.7	1000	5.8	34.5	50.5	80	20.5	RoHS
HCP553450	3.7	1000	5.5	34.5	50.5	70	19.0	RoHS
HCP603448	3.7	1100	6.0	34.5	48.5	70	20.5	RoHS
HCP703046	3.7	1100	7.0	30.5	46.5	50	20.0	RoHS
HCP504050	3.7	1100	5.0	40.5	50.5	40	21.0	RoHS
HCP703442	3.7	1100	7.0	34.5	42.5	60	20.0	RoHS
HCP753445	3.7	1100	7.5	34.5	45.5	50	21.5	RoHS
HCP504052	3.7	1100	5.0	40.5	52.5	40	22.5	RoHS
HCP603450	3.7	1100	6.0	34.5	50.5	80	21.0	RoHS
HCP503759	3.7	1150	5.0	37.5	59.5	45	22.0	RoHS
HCP723443	3.7	1200	7.2	34.5	43.5	60	20	RoHS
HCP603650	3.7	1200	6.0	36.5	50.5	50	20	RoHS
HCP723441	3.7	1200	7.2	34.5	41.5	60	22	RoHS
HCP404259	3.7	1200	4.0	42.5	59.5	70	22	RoHS
HCP643450	3.7	1200	6.4	34.5	50.5	70	23.0	RoHS
HCP853048	3.7	1200	8.5	30.5	48.0	70	21.5	RoHS
HCP743048	3.7	1200	7.4	30.5	48.5	70	22.0	RoHS
HCP622570	3.7	1300	6.2	25.5	70.5	45	24	RoHS
HCP753450	3.7	1300	7.5	34.5	50.5	70	25.0	RoHS
HCP654050	3.7	1350	6.5	40.5	50.5	65	25	RoHS
HCP404265	3.7	1370	4.0	42.5	65.5	55	26	RoHS
HCP484555	3.7	1400	4.8	45.5	55.5	50	26.0	RoHS
HCP604053	3.7	1400	6.0	40.5	53.5	70	27.5	RoHS
HCP583759	3.7	1400	5.8	37.5	59.5	45	26.0	RoHS
HCP903445	3.7	1450	9.0	34.5	45.5	80	26.5	RoHS
HCP504169	3.7	1450	5.0	41.5	69.5	70	28.0	RoHS
HCP315772	3.7	1500	3.1	57.5	72.5	45	25	RoHS
HCP325085	3.7	1500	3.2	50.5	85.5	55	29.0	RoHS
HCP603759	3.7	1500	6.0	37.5	59.5	45	27.0	RoHS
HCP883450	3.7	1500	8.8	34.5	50.5	55	25.0	RoHS
HCP803450	3.7	1550	8.0	34.5	50.5	50	23.0	RoHS
HCP425068	3.7	1550	4.2	50.5	68.5	60	29.5	RoHS
HCP605048	3.7	1600	6.0	50.5	48.5	45	31.0	RoHS
HCP903848	3.7	1700	9.0	38.5	48.5	40	31.0	RoHS
HCP103450	3.7	1700	10.2	34.5	50.5	70	31.5	RoHS
HCP813846	3.7	1750	8.1	38.5	46.5	60	30.0	RoHS
HCP903446	3.7	1750	9.0	34.5	46.5	60	32	RoHS
HCP694055	3.7	1800	6.9	40.5	55.5	50	34.0	RoHS
HCP485068	3.7	1800	4.8	50.5	68.5	50	34.0	RoHS
HCP604167	3.7	1800	6.0	41.5	67.5	45	39.5	RoHS
HCP783759	3.7	1800	7.8	37.5	59.5	50	33.0	RoHS
HCP326275	3.7	1800	3.2	62.5	75.5	50	34.0	RoHS
HCP564272	3.7	2000	5.6	42.5	72.5	40	37.5	RoHS
HCP435085	3.7	2000	4.3	50.5	85.5	45	38.0	RoHS
HCP555068	3.7	2000	5.5	50.5	68.5	60	38.0	RoHS
HCP654860	3.7	2000	6.5	48.5	60.5	40	38.0	RoHS
HCP634169	3.7	2050	6.3	41.5	69.5	40	38.5	RoHS
HCP455085	3.7	2100	4.5	50.5	85.5	40	40.0	RoHS

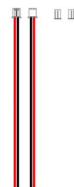
HCP685056	3.7	2100	6.8	50.5	56.5	45	39.0	RoHS
HCP4030158	3.7	2100	4.0	30.5	158.5	40	40.0	RoHS
HCP643381	3.7	2200	6.4	33.5	81.5	45	35	RoHS
HCP103848	3.7	2200	10.0	38.5	48.5	40	40	RoHS
HCP953759	3.7	2200	9.5	37.5	59.5	50	43.5	RoHS
HCP643496	3.7	2200	6.4	34.5	96.5	45	42.0	RoHS
HCP654965	3.7	2250	6.5	49.5	65.5	60	43.0	RoHS
HCP574866	3.7	2280	5.7	48.5	66.5	30	40	RoHS
HCP784860	3.7	2400	7.8	48.5	60.5	40	44.5	RoHS
HCP705064	3.7	2700	7.0	50.5	64.5	40	50.0	RoHS
HCP545085	3.7	2700	5.4	50.5	85.5	40	49.5	RoHS
HCP824860	3.7	2800	8.2	48.5	60.5	60	52.0	RoHS
HCP824370	3.7	2800	8.2	43.5	70.5	45	51.5	RoHS
HCP585087	3.7	3000	5.8	50.5	87.5	40	56	RoHS
HCP853496	3.7	3000	8.5	34.5	96.5	50	57.0	RoHS
HCP904860	3.7	3000	9.0	48.5	60.5	45	53.0	RoHS
HCP456194	3.7	3200	4.5	61.5	94.5	45	60.0	RoHS
HCP705085	3.7	3400	7.0	50.5	85.5	60	57.5	RoHS
HCP586281	3.7	3600	5.8	62.5	81.5	45	43.0	RoHS
HCP606281	3.7	3600	6.0	62.5	81.5	50	67.0	RoHS
HCP805085	3.7	3800	8.0	50.5	85.5	40	71.0	RoHS
HCP487390	3.7	3900	4.8	73.5	90.5	40	73	RoHS
HCP6830158	3.7	4000	6.8	30.5	158.5	30	45	RoHS
HCP855085	3.7	4100	8.5	50.5	85.5	40	77.0	RoHS
HCP6558110	3.7	4200	6.5	58.5	110.5	40	81.0	RoHS

Standard connectors

MOLEX5264-2P



MOLEX51021-2P



JST-PH2.0-2P



MOLEX87439-3P



Large Capacity Cells 3.7V, 5,000-10,000mAh

Large capacity (3.7V, 5,000-10,000mAh) Li-polymer cells are used to power those applications requiring more higher capacity levels.

Cells can be combined and assembled in series to increase voltage and parallel to increase capacity by using several identical secondary cells.

Thermistors or thermal fuses and gas gauging can be added if required.

Connection method can be tabs soldering directly, lead wires and / or with a specified connector (see page 11)



Model Selection Guide

Width (W) and length (L) are fixed for each cell size but thickness (T) is variable, which can increase or decrease cell capacity for the same fixed width and length Lipo cell.

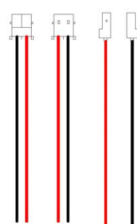
Due to space limitations, if you don't see the exact width and length you want here below in the list or not even a closer model to your size required, please contact us for more.

Adding a PCM on the cell will increase approx. 1.5-2.0mm to the overall length, and 0.5mm to the thickness after assembly.

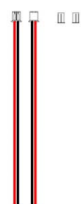
Model No.	Voltage	Capacity	Cell Dimension Max.(mm)			Impedance	Weight	Remark
	V	mAh	Thickness	Width	Length	mΩ<	g	
HCP8647109	3.7	5000	8.6	47.5	109.5	35	94.5	RoHS
HCP7065112	3.7	5000	7.0	65.5	112.5	40	97	RoHS
HCP4573135	3.7	5000	4.5	73.5	135.5	40	95	RoHS
HCP945384	3.7	5000	9.4	53.5	84.5	35	94.5	RoHS
HCP776091	3.7	5000	7.7	60.5	91.5	40	94.5	RoHS
HCP656699	3.7	5000	6.5	66.5	99.5	40	94.5	RoHS
HCP905283	3.7	5000	9.0	52.5	83.5	25	92	RoHS
HCP8040135	3.7	5300	8.0	40.5	135.5	45	98	RoHS
HCP966570	3.7	5400	9.6	65.5	70.5	45	99	RoHS
HCP954696	3.7	5400	9.5	46.5	96.5	45	99	RoHS
HCP786488	3.7	5500	7.8	64.5	88.5	45	104	RoHS
HCP786488	3.7	5500	7.8	63.5	88.5	45	104.0	RoHS
HCP9049105	3.7	5600	9.0	49.5	105.5	45	104	RoHS
HCP896589	3.7	5600	8.9	65.5	89.5	45	104	RoHS
HCP856980	3.7	5600	8.5	69.5	80.5	45	104	RoHS
HCP6085105	3.7	5700	6.0	85.5	105.5	40	110	RoHS
HCP105384	3.7	5800	10.0	53.5	84.5	35	106.0	RoHS
HCP9636145	3.7	6000	9.6	36.5	145.5	40	115	RoHS
HCP7764104	3.7	6000	7.7	64.5	104.5	40	112	RoHS
HCP4590180	3.7	6000	4.5	90.5	180.5	40	124	RoHS
HCP7548168	3.7	6350	7.5	48.5	168.5	35	122.5	RoHS
HCP6063164	3.7	7600	6.0	63.5	164.5	35	143	RoHS
HCP8085105	3.7	7800	8.0	85.5	105.5	35	148.0	RoHS
HCP6564145	3.7	8000	6.5	64.5	145.5	45	148.0	RoHS
HCP1442130	3.7	10000	14.0	42.5	130.5	30	150.0	RoHS
HCP1087175	3.7	10000	10.0	87.5	175.5	30	217	RoHS
HCP1080155	3.7	10000	10.0	80.5	155.5	30	205	RoHS

Standard connectors

MOLEX5264-2P



MOLEX51021-2P



JST-PH2. 0-2P



MOLEX87439-3P

