

# Li-ion Polymer Battery Technology for Wearable Market

## Key Feature

- 4.2V, 4.35V, 4.4 OCV or above.
- Energy density from 250Wh/L to 600Wh/L.
- Small size, different shape
- The life cycle >500 times.
- The self-discharge rate < 2% per month.



# Li-ion Polymer Battery Technology for Wearable Market



EVE offers a lot of existing cells as well as the custom design cell for the wearable device application: small size, different shape, high energy Density, high quality with short lead time



Less than  
**0.5mm**

**Thin**



**Light**

About  
**0.3g**



**Curved**  
Radian:  
**0° ~ 25°**



# Available Lithium-ion Polymer Battery Model for wearable device or we can do custom-design cells



Model	Nominal Capacity (mAh)	Min Capacity (mAh)	Dimension(mm)			IMP<(mohm)	Weight Approx (g)	(V)
			Thickness (Max)	Width (Max)	Height (Max)			
251020	22	20	2.5	10.5	20.5	800	1	3.7
360820	32	28	3.6	8	20	700	1	3.7
360819	42	40	3.6	8	19.5	700	1	3.8
320926	43	40	3.2	9	26	500	1.5	3.7
281418	46	44	2.8	14.8	18.5	400	1.5	3.7
401030	90	85	4.1	10.5	30.5	150	2	3.7
351330	100	95	3.3	12.7	28	200	2	3.7
303116	100	95	3	30.8	16.5	180	2	3.7
381528	105	100	3.6	15.5	28.5	180	2	3.7
351624	110	100	3.6	16.5	23.5	200	2	3.7
461917	105	100	4.6	19.2	17	100	2.5	3.7
341353	140	135	3.4	13	53	80	3	3.7
651723	170	160	6.5	17.5	23.5	85	3.5	3.7
402028	170	160	4.2	20.5	28	120	3.5	3.7
322033	170	165	3.2	20.5	33	150	3.5	3.7
801718	180	170	8.2	18	17.5	200	4	3.7
401832	180	170	4.2	18.5	32.5	100	4	3.7
322826	180	175	3.2	27.8	25.5	150	3.5	3.7
402030	190	180	4.2	20.5	30.8	200	4.2	3.7
322826H	195	190	3.2	27.8	25.5	150	3.5	3.8
352826	195	190	3.5	27.5	25.5	150	3.5	3.7
552025	210	200	5.5	20.5	25	150	4.1	3.7
402035	240	230	4	20.5	35.5	100	5.5	3.7
402035	240	230	4.1	20.3	35	100	5.5	3.7
551730	250	240	5.5	17.5	30.5	150	4.5	3.7
502030	250	240	5	20.5	30.5	120	5.5	3.7
471163	260	250	4.7	11	63	150	5	3.7
451447	260	250	4.5	14.5	47	150	6	3.7
402830	300	290	4	28	30.5	120	5.6	3.7
701435	310	300	7	14.5	35.5	120	7	3.7