

High energy density along with long cycle life make the Lithium-Ion (Li-Ion) chemistry very desirable for almost any rechargeable application. EaglePicher Technologies offers a selection of Li-Ion cells and batteries to power all of your rechargeable systems. With experience in charge/discharge cycling of the Li-Ion chemistry, EaglePicher can build a safe reliable battery to meet your specification. Whether you have your own charge control circuitry or would like it built in, our team of Engineers can meet your needs. Dealing in both high volume commercial applications and low volume specialized applications, EaglePicher can provide you with quality Li-Ion cells and batteries.

Attention: All Li-Ion cells and batteries require safety circuitry to avoid fire or explosion.

LI-ION SPIRAL WOUND CELLS

Std. Size	Nominal Capacity (mAh)	Dimensions (mm)	Approx. Weight (grams)	Part Number
08400	140	8.4 X 40.5	7	Order by Size
08650	240	8.4 X 65.5	11	Order by Size
14430	550	14.0 X 43.0	17	Order by Size
14500	620	14.0 X 45.0	20	Order by Size
17500	950	16.7 X 50.0	28	Order by Size
17650	1500	17 X 65.0	36	Order by Size
17670	1400	16.7 X 67.0	38	Order by Size
18500	1250	18.2 X 50.0	30	Order by Size
18650	2000	18.2 X 65.0	43	Order by Size
AA	700	14.0 x 45.0	26.5	Order by Size
AAA	300	10.0 X 45.0	15	Order by Size

LI-ION PRISMATIC CELLS

Std. Size	Nominal Capacity (mAh)	Dimensions (mm)	Approx. Weight (grams)	Part Number
043048	600	4.3 X 29.0 X 47.5	14	Order by Size
043450	720	4.3 X 34.0 X 49.0	18	Order by Size
043482	750	3.8 X 33.7 X 82	36.5	Order by Size
053048	720	5.3 X 29.6 X 47.8	18	Order by Size
063048	750	6.3 X 29.5 X 47.8	21	Order by Size
063067	900	6.1 X 29.5 X 67.0	33	Order by Size
063448	850	6.2 X 33.6 X 48.2	24	Order by Size
063450	950	6.3 X 33.6 X 50.0	23.5	Order by Size
063465	1000	6.1 X 34.0 X 65.0	39	Order by Size
072248	600	7.5 X 21.8 X 47.6	28	Order by Size
083448	1200	8.0 X 34.0 X 47.6	35	Order by Size
103448	1400	9.8 X 33.6 X 47.6	45	Order by Size
103463	1600	9.8 X 33.6 X 63.0	58	Order by Size
143448	1800	14.0 X 34.0 X 48.0	58	Order by Size

LI-ION POLYMER CELLS

Std. Size	Nominal Capacity (mAh)	Dimensions (mm)	Approx. Weight (grams)	Part Number
383555	600	3.8 X 35.0 X 55.0	13	WLP383555
383562	750	3.8 X 35.0 X 62.0	16	WLP383562
385690	1500	3.8 X 56.0 X 90.0	33	WLP385690

LI-ION SOFT PACKAGE CELLS

Std. Size	Nominal Capacity (mAh)	Dimensions (mm)	Approx. Weight (grams)	Part Number
042025	130	3.8 X 20.0 X 25.0	3	WLB042025
042030	170	3.8 X 20.0 X 30.0	4	WLB042030
042532	230	3.8 X 25.0 X 32.0	5.3	WLB042532

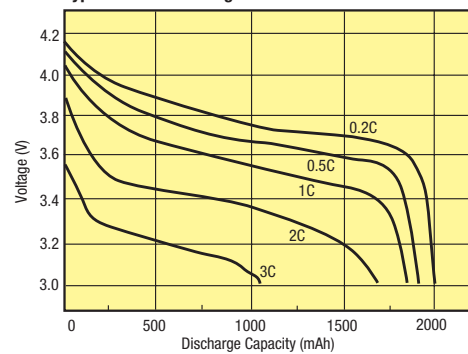
LI-ION BUTTON CELLS

Std. Size	Nominal Capacity (mAh)	Dimensions (mm)	Approx. Weight (grams)	Pulse Current (mA)	Part Number
2025	25	20.0 X 2.8	2.5	50	LIR-2025
2430	50	24.5 X 3.4	4.2	100	LIR-2430
2450	85	24.5 X 5.4	5.2	190	LIR-2450
2477	130	24.5 X 8.4	7.8	275	LIR-2477

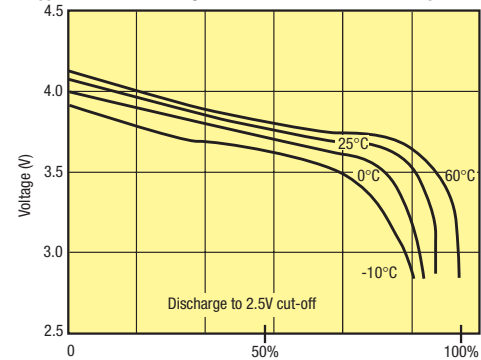
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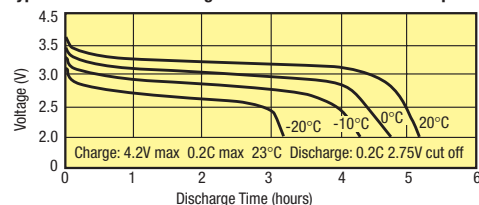
Typical 18650 Discharge Characteristics At Varied Rates



Typical 18650 Discharge Characteristics At Varied Temperatures



Typical Button Cell Discharge Characteristics At Varied Temperatures



EaglePicher™ Commercial Power Solutions
Carefree®

P.O. Box 47 • Joplin, MO 64802

Tel: (800) 201-0215 or (417) 659-9635 • Fax: (417) 626-2078

E-mail: inquiry.carefree@eaglepicher.com • Web site: www.eaglepicher.com