



LITHIUM ION ENERGY CELL

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Lithium ION Cylindrical

Model	Nominal Voltage (V)	Nominal Capacity		Dimension, incl. Tube		Temperature (°C)			Weight Approx. (g)
		Typical (mAh)	Minimal (mAh)	Diameter (mm)	Height (mm)	Charge	Discharge	Storage	
BLC0840	3.7	155	135	8.4 _{±0.02}	40.5 _{±0.02}	0-45	-20-60	-20-45	7
BLC0865	3.7	260	230	8.4 _{±0.02}	65.5 _{±0.02}	0-45	-20-60	-20-45	
BLC1443	3.7	575	525	14.3 _{±0.02}	42.8 _{±0.02}	0-45	-20-60	-20-45	17
BLC1450	3.7	755	685	14.3 _{±0.02}	49.8 _{±0.02}	0-45	-20-60	-20-45	19
BLC1485	3.7	1050	950	14.3 _{±0.02}	64.8 _{±0.02}	0-45	-20-60	-20-45	26
BLC1750	3.7	950	870	16.8 _{±0.02}	49.8 _{±0.02}	0-45	-20-60	-20-45	26
BLC1767	3.7	1300	1200	16.8 _{±0.02}	66.8 _{±0.02}	0-45	-20-60	-20-45	37
BLC1850	3.7	1350	1250	18.3 _{±0.02}	49.8 _{±0.02}	0-45	-20-60	-20-45	33
BCGR-18650HG	3.7	1900		18.3 _{±0.02}	65.0 _{±0.02}	0-45	-20-60	-20-45	42
BCGR-18650A	3.7	2100		18.3 _{±0.02}	65.0 _{±0.02}	0-45	-20-60	-20-45	42
BCGR-18650B	3.7	2200		18.3 _{±0.02}	65.0 _{±0.02}	0-45	-20-60	-20-45	42
BCGR-18650C	3.7	2300		18.3 _{±0.02}	65.0 _{±0.02}	0-45	-20-60	-20-45	42
BCGR-18650B	3.7	2400		18.3 _{±0.02}	65.0 _{±0.02}	0-45	-20-60	-20-45	45
BCGR-18650B	3.7	2600		18.3 _{±0.02}	65.0 _{±0.02}	0-45	-20-60	-20-45	48

Operating Voltage 4.2V to 3.0V

Temperature Range: -20°C to 60°C -operating and storage

Temperature Charge 0° C to 45°C

Maximum Discharge Current 2C(Continuous)

Maximum Charge Current 1C

Memory Effect:None

Self-Discharge: <5%per month

Lithium-Ion. Prismatic Cells.

Model	Nominal Voltage (V)	Nominal Capacity		Dimension, incl. Tube (mm)	Temperature (°C)			Weight Approx. (g)
		Typical (mAh)	Minimal (mAh)		Charge (°C)	Discharge (°C)	Storage (°C)	
BLP032035A	3.7	190	160	3.9 _{±0.02} × 20.0 _{±0.02} × 35.0 _{±0.02}	0-45	-20-60	-20-45	6
BLP032328A	3.7	160	140	3.9 _{±0.02} × 22.7 _{±0.02} × 28.0 _{±0.02}	0-45	-20-60	-20-45	5
BLP033450A	3.7	630	580	3.9 _{±0.02} × 34.0 _{±0.02} × 50.0 _{±0.02}	0-45	-20-60	-20-45	14.5
BLP033482A	3.7	950	840	3.9 _{±0.02} × 34.5 _{±0.02} × 82.5 _{±0.02}	0-45	-20-60	-20-45	24.5
BLP033555A2	3.7	650	600	3.9 _{±0.02} × 35.0 _{±0.02} × 55.5 _{±0.02}	0-45	-20-60	-20-45	16
BLP043048A	3.7	680	630	4.6 _{±0.02} × 30.0 _{±0.02} × 48.0 _{±0.02}	0-45	-20-60	-20-45	14.5
BLP043450A	3.7	780	720	4.5 _{±0.02} × 34.0 _{±0.02} × 50.0 _{±0.02}	0-45	-20-60	-20-45	17
BLP053048A	3.7	800	670	5.5 _{±0.02} × 30.1 _{±0.02} × 48.0 _{±0.02}	0-45	-20-60	-20-45	17
BLP053048AH	3.7	790	700	5.5 _{±0.02} × 30.1 _{±0.02} × 48.0 _{±0.02}	0-45	-20-60	-20-45	17.5
BLP053450A	3.7	900	820	5.5 _{±0.02} × 34.0 _{±0.02} × 50.0 _{±0.02}	0-45	-20-60	-20-45	19
BLP053465A	3.7	950	860	5.3 _{±0.02} × 34.1 _{±0.02} × 65.0 _{±0.02}	0-45	-20-60	-20-45	23
BLP062248A	3.7	550	520	5.8 _{±0.02} × 22.0 _{±0.02} × 47.5 _{±0.02}	0-45	-20-60	-20-45	12.5
BLP062265A	3.7	850	740	6.6 _{±0.02} × 22.0 _{±0.02} × 65.0 _{±0.02}	0-45	-20-60	-20-45	20.5
BLP063048A	3.7	880	800	6.6 _{±0.02} × 29.8 _{±0.02} × 48.0 _{±0.02}	0-45	-20-60	-20-45	20
BLP063048S	3.7	790	720	6.2 _{±0.02} × 30.0 _{±0.02} × 48.0 _{±0.02}	0-45	-20-60	-20-45	24
BLP063067AR	3.7	1160	1050	6.6 _{±0.02} × 30.1 _{±0.02} × 67.0 _{±0.02}	0-45	-20-60	-20-45	28.5
BLP063448AR	3.7	950	860	6.4 _{±0.02} × 34.1 _{±0.02} × 47.5 _{±0.02}	0-45	-20-60	-20-45	22
BLP063450AR	3.7	1050	1000	6.6 _{±0.02} × 34.1 _{±0.02} × 50.0 _{±0.02}	0-45	-20-60	-20-45	23
BLP063450ARH	3.7	1050	950	6.6 _{±0.02} × 34.1 _{±0.02} × 50.0 _{±0.02}	0-45	-20-60	-20-45	24
BLP063465S	3.7	1300	1250	6.5 _{±0.02} × 34.0 _{±0.02} × 65.0 _{±0.02}	0-45	-20-60	-20-45	43
BLP083048A	3.7	1050	950	7.9 _{±0.02} × 29.8 _{±0.02} × 47.5 _{±0.02}	0-45	-20-60	-20-45	23
BLP083447AR	3.7	1050	960	7.9 _{±0.02} × 33.8 _{±0.02} × 47.0 _{±0.02}	0-45	-20-60	-20-45	26.5
BLP083448SH	3.7	1300	1250	8.8 _{±0.02} × 33.8 _{±0.02} × 47.5 _{±0.02}	0-45	-20-60	-20-45	40
BLP083467AR	3.7	1580	1420	8.2 _{±0.02} × 33.8 _{±0.02} × 67.0 _{±0.02}	0-45	-20-60	-20-45	39
BLP102348A	3.7	1000	900	10.2 _{±0.02} × 22.0 _{±0.02} × 48.0 _{±0.02}	0-45	-20-60	-20-45	22.5
BLP103450AR	3.7	1800	1750	10.5 _{±0.02} × 33.8 _{±0.02} × 50.0 _{±0.02}	0-45	-20-60	-20-45	36
BLP103450ARH	3.7	1780	1630	10.5 _{±0.02} × 33.8 _{±0.02} × 50.0 _{±0.02}	0-45	-20-60	-20-45	37