

# FEATURES AND BENEFITS – LITHIUM

BENEFIT	FEATURE
SAFETY	Inherently safe chemistry. PCB/BMS provides extra protection.
DROP-IN REPLACEMENT	Available in standard industry sizes.
LIGHTWEIGHT	50-60% less weight than lead-acid equivalent.
LONGEST LIFE	Up to 10X longer cycle life than lead-acid equivalent.
MORE USABLE CAPACITY	25-50% more capacity than lead-acid equivalent.
CONSTANT POWER	Full power available throughout discharge. Voltage does not drop like lead-acid.
TEMPERATURE TOLERANT	2.5X more efficient operation at low temperatures. Safely operational up to 149°F (65°C ).
CHARGING – FAST & SAFE	Highly efficient charging. Can fully charge in 1-3 hours. Built-in overcharge protection.
PSOC TOLERANT	No damage from partial state of charge operation or storage.
LONG SHELF LIFE	Low self-discharge so battery maintains state of charge.
MAINTENANCE-FREE	Plug, play and charge. No watering.
NON-HAZARDOUS	No gasses emitted.
INSTALLATION FLEXIBILITY	Can be installed upright or on its side.
CUSTOMIZABLE	Easy to customize for your size and power needs.

## LITHIUM PRODUCT SPECIFICATIONS

Part Number	BCI Group Size	Capacity^A @ 25°C (77°F)		Energy (Wh)	Dimensions inches (mm)			Weight lbs (kg)	Terminal Type
		Ah	Min @ 25A		Length	Width	Height		
12V									
RB5	NA	5	NA	64	5.9 (150)	2.5 (64)	3.7 (95)	2 (0.9)	F2
RB10	NA	10	NA	128	5.9 (150)	3.8 (97)	3.9 (99)	4 (1.8)	F2
RB20	NA	20	NA	256	7.1 (181)	3.0 (76)	6.6 (167)	7 (3.2)	M6
RB35	U1	35	84	448	7.7 (196)	5.2 (131)	6.1 (155)	10 (4.5)	M8
RB40	NA	40	96	512	7.8 (199)	6.5 (166)	6.7 (171)	14 (6.5)	M8
RB50	NA	50	120	640	7.8 (199)	6.5 (166)	6.7 (171)	15 (6.8)	M8
RB60	24	60	144	768	10.2 (260)	6.7 (170)	8.6 (219)	20 (8.9)	M8
RB75	24	75	180	960	10.2 (260)	6.7 (170)	8.6 (219)	26 (11.8)	M8
RB80	27	80	192	1024	12.1 (308)	6.8 (172)	8.7 (221)	28 (12.7)	M8
RB100	31	100	240	1280	13.0 (329)	6.8 (172)	8.9 (226)	32 (14.5)	M8
RB150	8D	150	360	1920	19.3 (490)	10.5 (267)	9.0 (229)	60 (27.2)	M8
RB200	8D	200	480	2560	19.3 (490)	10.5 (267)	9.0 (229)	72 (32.6)	M8
RB260	8D	260	624	3328	19.3 (490)	10.5 (267)	9.0 (229)	88 (39.9)	M8
RB300	8D	300	720	3840	20.5 (520)	10.6 (269)	8.7 (221)	84 (38.1)	M8
12V DIN									
RB80-DIN	DIN	80	192	1024	13.2 (335)	6.9 (175)	7.5 (191)	26 (11.6)	M8
RB100-DIN	DIN	100	240	1280	13.2 (335)	6.9 (175)	7.5 (191)	29 (13.3)	M8
24V									
RB24V50	31	50	120	1280	13.0 (329)	6.8 (172)	8.9 (226)	32 (14.5)	M8
RB24V100	NA	100	240	2560	19.3 (490)	6.7 (170)	10.6 (270)	53 (24.2)	M8
48V STEEL CASE									
RB48V100	NA	100	240	5120	22.8 (578)	16.1 (410)	7.8 (198)	145 (66)	Amphenol
RB48V300	NA	300	720	15360	29.1 (740)	16.1 (410)	17.6 (447)	375 (170)	Amphenol
RB48V100H	NA	100	240	4800	24.6 (625)	6.1 (155)	20.5 (520)	143 (65)	Amphenol
RB48V150H	NA	150	360	7200	28.3 (720)	5.7 (145)	20.5 (520)	209 (95)	Amphenol

A. The amount of Ah or minutes the battery can provide when discharged at a constant current to 2.5vpc at 25°C (77°F).