IIB MARINE
PREMIUM POWER
FOR YOUR AQUATIC ADVENTURES

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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 NON-HAZARDOUS	Plug, play and charge. No watering. 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)		Dimensions inches (mm)			Weight lbs (kg)	Terminal Type	Cell Structure
		Ah	Min @ 25A	Length	Width	Height			
12V									
RB50	NA	50	120	7.8 (199)	6.5 (166)	6.7 (171)	15 (6.8)	M8	Cylindrical
RB60	24	60	144	10.2 (260)	6.7 (170)	8.6 (219)	20 (8.9)	M8	Cylindrical
RB75	24	75	180	10.2 (260)	6.7 (170)	8.6 (219)	26 (11.8)	M8	Cylindrical
RB80	27	80	192	12.1 (308)	6.8 (172)	8.7 (221)	28 (12.7)	M8	Cylindrical
RB100	31	100	240	13.0 (329)	6.8 (172)	8.9 (226)	32 (14.5)	M8	Cylindrical
RB150	8D	150	360	19.3 (490)	10.5 (267)	9.0 (229)	60 (27.2)	M8	Cylindrical
RB200	8D	200	480	19.3 (490)	10.5 (267)	9.0 (229)	72 (32.6)	M8	Cylindrical
RB260	8D	260	624	19.3 (490)	10.5 (267)	9.0 (229)	88 (39.9)	M8	Cylindrical
RB300	8D	300	720	20.5 (520)	10.6 (269)	8.7 (221)	84 (38.1)	M8	Prismatic
12V DIN									
RB80-DIN	DIN	80	192	13.2 (335)	6.9 (175)	7.5 (191)	26 (11.6)	M8	Cylindrical
RB100-DIN	DIN	100	240	13.2 (335)	6.9 (175)	7.5 (191)	29 (13.3)	M8	Cylindrical
24V									
RB24V50	31	50	120	13.0 (329)	6.8 (172)	8.9 (226)	32 (14.5)	M8	Cylindrical
RB24V100	NA	100	240	19.3 (490)	6.7 (170)	10.6 (270)	53 (24.2)	M8	Prismatic
48V STEEL CASE									
RB48V100	NA	100	240	22.8 (578)	16.1 (410)	7.8 (198)	145 (66)	Amphenol	Cylindrical
RB48V300	NA	300	720	29.1 (740)	16.1 (410)	17.6 (447)	375 (170)	Amphenol	Cylindrical
RB48V100H	NA	100	240	24.6 (625)	6.1 (155)	20.5 (520)	143 (65)	Amphenol	Prismatic
RB48V150H	NA	150	360	28.3 (720)	5.7 (145)	20.5 (520)	209 (95)	Amphenol	Prismatic

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).

LITHIUM

Cruisers, racers and anglers want reliable power both on and off the water. IIB Lithium Iron Phosphate (LiFePO4) batteries offer lightweight, safe and high power energy solutions for all types of water craft.

TERMINAL CONFIGURATIONS

M8

Bolt
lock washer &
regular washer

AMPHENOL CONNECTORS

THE RIGHT FIT: IIB lithium batteries are available in a variety of BCI standard sizes for easy drop-in replacement. Looking for a custom solution? No problem! Our Certified PowerPros can design the best system for your needs.

LIGHT ON WEIGHT; HEAVY ON POWER: IIB lithium batteries provide more power than traditional lead-acid batteries and are typically half the weight. This makes for better acceleration and more agility on the water.

MORE HOURS; MORE FUN: IIB lithium batteries provide long-lasting energy for all your marine needs, so run the A/C, the fish finder or the trolling motor and know that you have ample reserves.

WORRY-FREE: IIB lithium batteries are maintenance free – no watering; no corrosion. In addition, they can be charged more quickly using standard plug-in, alternator, generator, or solar systems. Partial charging does not affect performance, and a low self-discharge rate means worry-free storage.

EXTREME PERFORMANCE: IIB lithium batteries are designed to perform in harsh conditions–freezing cold, scorching heat or rough waters.

ECO-FRIENDLY: IIB lithium batteries are the ultimate clean energy. No gassing, no fumes and no pollution. Enjoy reliable power, while protecting the environment, using these non-hazardous batteries.

SAFETY TESTED: Unlike other lithium chemistries, IIB LiFePO4 batteries are inherently safe due to their stable chemical composition, and we have the UL1642 and IEC62133 test results to prove it.

BACKED BY THE BEST: Built to last, designed to perform, premium IIB lithium batteries deliver unsurpassed performance on the water. We back this claim with a comprehensive, 5-year warranty.

THE POWER BEHIND THE PROMISE

You may know us as a battery manufacturer, but first and foremost, we're in the relationship business. At IIB, we pride ourselves on creating and maintaining long-term relationships with members of our supply chain, original equipment manufacturers, distributors and end users. How do we do it? We're invested – in the success of our customers, our partners, our employees and our future. It's a promise we make and keep every day.

INVESTED IN OUR PEOPLE. We value knowledge, experience and interpersonal skills, so we seek out the best and brightest. When it comes to innovation, we have the sharpest minds in the business designing, building and testing our products. Our sales and customer service staff is dedicated to doing right by our customers every time. And, our technical support team has the knowledge you need to answer even the toughest energy questions. In a nutshell, we only invest in people with the industry experience, training and relationships to ensure our customers' success.

INVESTED IN OUR SERVICE. Every one of our customers enjoys unparalleled support from IIB's team of certified PowerPros. Our job is to understand everything about our customers' needs now and help them anticipate the future. We have the expertise to answer all types of battery questions. Every topic from maintenance to recycling to customized solutions for any application. And, since time is valuable, we commit to responding to inquiries within 24 hours.

INVESTED IN OUR FUTURE. At IIB, we invest major effort and resources in new product development so we can help our customers meet their long-term energy goals, no matter what the application. In addition, we're constantly striving to increase our contribution to a healthier planet through clean, green energy solutions so we can leave the earth a better place for future generations.

ISO 9001:2015 Quality Management System

When it comes to reliability, our lithium batteries won't let you down. Contact us, visit www.iib.co.il

IIB Battery provides our customers with the highest quality and safest lithium products.

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