

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* @ 25°C (77°F) | | Dimensions inches (mm) | | | Weight lbs (kg) | Terminal Type | Cell Structure |
|----------------------|----------------|-------------------------|-----------|------------------------|------------|------------|-----------------|---------------|----------------|
| | | Ah | Min @ 25A | Length | Width | Height | | | |
| 12V | | | | | | | | | |
| 8B50 | NA | 50 | 120 | 7.8 (199) | 6.5 (166) | 6.7 (171) | 15 (6.8) | M8 | Cylindrical |
| 8B60 | 24 | 60 | 144 | 10.2 (260) | 6.7 (170) | 8.6 (219) | 20 (8.9) | M8 | Cylindrical |
| 8B75 | 24 | 75 | 180 | 10.2 (260) | 6.7 (170) | 8.6 (219) | 26 (11.8) | M8 | Cylindrical |
| 8B80 | 27 | 80 | 192 | 12.1 (308) | 6.8 (172) | 8.7 (221) | 28 (12.7) | M8 | Cylindrical |
| 8B100 | 31 | 100 | 240 | 13.0 (329) | 6.8 (172) | 8.9 (226) | 32 (14.5) | M8 | Cylindrical |
| 8B150 | 8D | 150 | 360 | 19.3 (490) | 10.5 (267) | 9.0 (229) | 40 (27.2) | M8 | Cylindrical |
| 8B200 | 8D | 200 | 480 | 19.3 (490) | 10.5 (267) | 9.0 (229) | 72 (32.4) | M8 | Cylindrical |
| 8B240 | 8D | 240 | 624 | 19.3 (490) | 10.5 (267) | 9.0 (229) | 88 (39.5) | M8 | Cylindrical |
| 8B300 | 8D | 300 | 720 | 20.5 (520) | 10.6 (269) | 8.7 (221) | 84 (38.1) | M8 | Prismatic |
| 12V DIN | | | | | | | | | |
| 8B80-DIN | DIN | 80 | 192 | 13.2 (335) | 6.9 (175) | 7.5 (191) | 26 (11.6) | M8 | Cylindrical |
| 8B100-DIN | DIN | 100 | 240 | 13.2 (335) | 6.9 (175) | 7.5 (191) | 29 (13.3) | M8 | Cylindrical |
| 24V | | | | | | | | | |
| 8B24V30 | 31 | 50 | 120 | 13.0 (329) | 6.8 (172) | 8.9 (226) | 32 (14.5) | M8 | Cylindrical |
| 8B24V100 | NA | 100 | 240 | 19.3 (490) | 6.7 (170) | 10.6 (270) | 53 (24.2) | M8 | Prismatic |
| 8V STEEL CASE | | | | | | | | | |
| 8B48V100 | NA | 100 | 240 | 22.8 (578) | 16.1 (410) | 7.8 (198) | 145 (66) | Amphenol | Cylindrical |
| 8B48V200 | NA | 300 | 720 | 29.1 (740) | 16.1 (410) | 17.6 (447) | 375 (170) | Amphenol | Cylindrical |
| 8B48V100H | NA | 100 | 240 | 24.6 (625) | 6.1 (155) | 20.5 (520) | 143 (65) | Amphenol | Prismatic |
| 8B48V150H | NA | 150 | 360 | 28.3 (720) | 5.7 (143) | 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).

RELION LITHIUM

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

TERMINAL CONFIGURATIONS



M8

Bolt with lock washer & regular washer

AMPHENOL CONNECTORS



Rafael Escobar - Technical Manager at Just Catamarans

"RELION lithium batteries offer the best value on the market. Simply put, these batteries are lightweight, fast charging and long-lasting, and they're available in standard and custom sizes to fit just about any system. In addition, RELION's attention to safety and customer service is excellent. Racers and cruisers, alike, will love the power and performance of RELION's marine batteries."



Al Farace, Jr. - Bassmaster Opens Professional Angler at Farace Fishing

"RELION lithium batteries have been a complete game-changer! These batteries charge quickly and last longer than any other batteries I have used. I've actually gone three 12-hour practice days on the tournament trail without having to re-charge them, and they're maintenance-free! And talk about a competitive advantage! These lightweight lithium batteries allow me to get the bass boat 'on plane' easily in shallow waters and when I'm on the reservoirs, I can cover 10 times the amount of water. Add to that the convenience of drop-in sizes and top notch customer support, and you have a winning combination!"

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).

RELi³ON[®]

THE POWER BEHIND THE PROMISE

You may know us as a battery manufacturer, but first and foremost, we're in the relationship business. At RELiON, 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 RELiON'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 RELiON, 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.



RELiON MARINE PREMIUM POWER FOR YOUR AQUATIC ADVENTURES



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