

# POWERMAX

## PMLB SERIES

### 10AH - 50AH LITHIUM BATTERIES

#### THE NEXT GENERATION OF INNOVATION

POWERMAX 12V LITHIUM IRON PHOSPHATE BATTERY HAS TWICE THE POWER, HALF THE WEIGHT, LASTS 8 TIMES LONGER THAN A SEALED LEAD ACID BATTERY, REQUIRES NO MAINTENANCE, IS EXTREMELY SAFE, AND HAS A VERY LOW ENVIRONMENTAL TOXICITY. OUR LINE OF BATTERIES OFFER A SOLUTION TO DEMANDING APPLICATIONS THAT REQUIRE A LIGHTER WEIGHT, LONGER LIFE, AND SUPERIOR BATTERY CAPACITY.

OPTIONAL BLUETOOTH AVAILABLE



| MODEL NUMBER                         | PMLB-10-12V      | PMLB-20-12V    | PMLB-30-12V      | PMLB-50-12V      |
|--------------------------------------|------------------|----------------|------------------|------------------|
| RATED POWER                          | 120Wh            | 240Wh          | 360Wh            | 640Wh            |
| NOMINAL VOLTAGE                      | 12.8V            | 12.8V          | 12.8V            | 25.6V            |
| VOLTAGE RANGE                        | 10V-14.6V        | 10V-14.6V      | 10V-14.6V        | 20V-29V          |
| CHARGE VOLTAGE                       | 14.5V            | 14.5V          | 14.5V            | 14.5V            |
| MAXIMUM CONTINUOUS CHARGE CURRENT    | 10A              | 20A            | 20A              | 40A              |
| MAXIMUM CONTINUOUS DISCHARGE CURRENT | 10A              | 25A            | 25A              | 60A              |
| STANDARD OPERATING TEMPERATURE       | 77°F±9°F         | 77°F±9°F       | 77°F±9°F         | 77°F±9°F         |
| CHARGE TEMPERATURE RANGE             | 32°F~131°F       | 32°F~131°F     | 32°F~131°F       | 32°F~131°F       |
| DISCHARGE TEMPERATURE RANGE          | -4°F~131°F       | -4°F~131°F     | -4°F~131°F       | -4°F~131°F       |
| DIMENSION                            | 5.9x3.7x2.6 inch | 7.2x6.7x3 inch | 7.2x6.9x3.2 inch | 8.8x5.3x7.3 inch |
| WEIGHT                               | 2.43 lbs         | 5.7 lbs        | 7.82 lbs         | 10.62 lbs        |
| TERMINAL BOLT SIZE                   | F2               | M5             | M5               | M6               |

BATTERY CHARGERS | MAINTAINERS | INVERTERS | GENERATORS  
DC POWER SUPPLIES | CONVERTERS | POWER CENTERS  
AUTOMATIC TRANSFER SWITCHES

(941) 201-8041  
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### 100AH - 260AH LITHIUM BATTERIES

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OPTIONAL BLUETOOTH AVAILABLE



| MODEL NUMBER                         | PMLB-100-12V     | PMLB-150-12V   | PMLB-200-12V      | PMLB-260-12V     | PMLB-100-24V     | PMLB-50-48V      |
|--------------------------------------|------------------|----------------|-------------------|------------------|------------------|------------------|
| RATED POWER                          | 1280Wh           | 1920Wh         | 2560Wh            | 3328Wh           | 2560Wh           | 2560Wh           |
| NOMINAL VOLTAGE                      | 12.8V            | 12.8V          | 12.8V             | 12.8V            | 25.6V            | 51.2V            |
| VOLTAGE RANGE                        | 10V-14.6V        | 10V-14.6V      | 10V-14.6V         | 10V-14.6V        | 20V-29V          | 40V-58V          |
| CHARGE VOLTAGE                       | 14.6V            | 14.6V          | 14.6V             | 14.6V            | 29.2V            | 58.4V            |
| MAXIMUM CONTINUOUS CHARGE CURRENT    | 50A              | 80A            | 100A              | 250A             | 80A              | 80A              |
| MAXIMUM CONTINUOUS DISCHARGE CURRENT | 100A             | 150A           | 170A              | 250A             | 100A             | 60A              |
| STANDARD OPERATING TEMPERATURE       | 77°F±9°F         | 77°F±9°F       | 77°F±9°F          | 77°F±9°F         | 77°F±9°F         | 77°F±9°F         |
| CHARGE TEMPERATURE RANGE             | 32°F~131°F       | 32°F~131°F     | 32°F~131°F        | 32°F~131°F       | 32°F~131°F       | 32°F~131°F       |
| DISCHARGE TEMPERATURE RANGE          | -4°F~131°F       | -4°F~131°F     | -4°F~131°F        | -4°F~131°F       | -4°F~131°F       | -4°F~131°F       |
| DIMENSION                            | 10.2x6.6x8.2inch | 13x6.9x8.5inch | 14.4x7.6x9.9 inch | 20.9x8.5x8.8inch | 13.5x7.4x9.6inch | 13.5x7.4x9.6inch |
| WEIGHT                               | 25.5lbs          | 35lbs          | 39.7 lbs          | 63.9lbs          | 40.3lbs          | 40.6lbs          |
| TERMINAL BOLT SIZE                   | M8               | M8             | M8                | M8               | M8               | M8               |

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