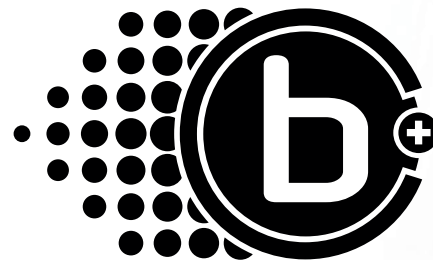


# 2016 CATALOG

v.1.1



**braille**<sup>®</sup>

**B A T T E R Y**

L I G H T E R • S T R O N G E R • F A S T E R

a **GRAFOID** company



BRILLE BATTERY • MOTORSPORTS

**ADVANCED AGM TECHNOLOGY**



Canadian Tire Series  
White Motorsports #99  
Powered by B2317

### Advanced AGM Features

Batteries have always presented the same problems of weight, safety, and cost. In racing, aerospace, and advanced technology industries, weight and safety present the two biggest challenges. Braille Battery's solution is developing lighter, more powerful batteries to suit the needs of these markets. Braille Battery's Advanced AGM batteries have allowed for more power, safer design and less overall weight than the batteries they replace, as the performance leader in the 12-volt sealed AGM (lead-acid) marketplace.

- Patented "sealed valve regulated" design completely eliminates acid spills and corrosion on terminals. Environmentally safe and does not need filling or maintenance.
- Dual Terminals allow battery to be mounted in a variety of positions, vertically or horizontally, and are also removable.
- Patent pending high quality brass SAE terminals designed to distribute the electrical load into and out of the battery.
- Stainless steel terminals allow higher bolt torque and help keep your battery connected even in high vibration environments.
- Every Braille Battery is performance certified and fully charged before shipping.
- Green Friendly manufacturing process with the highest concern for the environment and quality. Recycled lead, plastic, and stainless steel ensure we'll have a future to race towards.



## ADVANCED AGM LIGHTWEIGHT

Highest Cranking Power Lead Battery Available. All Season Reliability. Stainless Steel Terminals. Environmentally Sourced Recycled Materials.



**B106**  
Weight 6.9lbs 3.1kg  
Length 5.8" 147mm  
Width 3.4" 86mm  
Height 4.2" 107mm  
PCA 527  
Ah 10  
Left Positive



**B129**  
Weight 9.5lbs 4.3kg  
Length 5.8" 147mm  
Width 3.4" 86mm  
Height 5.1" 130mm  
PCA 813  
Ah 12  
Left Positive



**B1415**  
Weight 11.5lbs 5.2kg  
Length 5.8" 147mm  
Width 3.4" 86mm  
Height 5.8" 147mm  
PCA 904  
Ah 15  
Left Positive



**B2015**  
Weight 15lbs 6.8kg  
Length 6.8" 173mm  
Width 3.4" 86mm  
Height 6.1" 155mm  
PCA 1067  
Ah 20  
Right Positive



**B2317**  
Weight 17lbs 7.7kg  
Length 6.8" 175mm  
Width 4" 102mm  
Height 6.1" 155mm  
PCA 1191  
Ah 23  
Left Positive



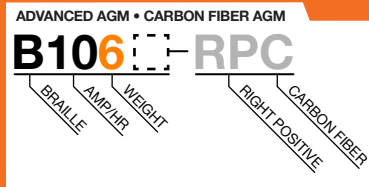
**B2317RP**  
Weight 17lbs 7.7kg  
Length 6.8" 175mm  
Width 4" 102mm  
Height 6.1" 155mm  
PCA 1191  
Ah 23  
Right Positive



**B2618**  
Weight 18.5lbs 8.4kg  
Length 8.1" 206mm  
Width 3.5" 89mm  
Height 6.3" 160mm  
PCA 1168  
Ah 26  
Right Positive



**B3121**  
Weight 21lbs 9.5kg  
Length 6.6" 168mm  
Width 5.2" 132mm  
Height 6.8" 173mm  
PCA 1380  
Ah 31  
Right Positive



TUDOR United Sportscar Championship  
Speedsource Mazda  
Prototype Class Diesel Power

## LIGHTWEIGHT CARBON FIBER AGM



Patent pending carbon-case design made for extreme temperatures and vibration. More reliability and performance in high temperatures. Exclusive appearance and design. Hand-selected premium components for the highest performing Advanced AGM product.



### B106C

Weight 6.9lbs 3.1kg  
Length 5.8" 147mm  
Width 3.4" 86mm  
Height 4.2" 106mm  
PCA 527  
Ah 10  
Left Positive



### B14115C

Weight 11.5lbs 5.2kg  
Length 5.8" 147mm  
Width 3.4" 86mm  
Height 5.8" 147mm  
PCA 904  
Ah 15  
Left Positive



### B2015C

Weight 15lbs 6.8kg  
Length 6.8" 173mm  
Width 3.4" 86mm  
Height 6.1" 155mm  
PCA 1067  
Ah 21  
Right Positive



### B3121C

Weight 21lbs 9.5kg  
Length 6.6" 168mm  
Width 5.2" 132mm  
Height 6.8" 173mm  
PCA 1380  
Ah 31  
Right Positive

## LONG LASTING ENDURANCE SERIES



Original equipment replacements that have the highest cranking power and the longest run times (Amp/Hr ratings) in their class. These batteries offer the AGM internal racing technology developed for our Advanced AGM and Carbon Fiber AGM batteries.



### B6034

Weight 41lbs 18.6kg  
Length 10.1" 257mm  
Width 6.3" 160mm  
Height 7.75" 195mm  
PCA 2132  
Ah 60  
Left Positive



### B7548

Weight 45lbs 21.8kg  
Length 10.9" 277mm  
Width 6.8" 173mm  
Height 7.5" 191mm  
PCA 2390  
Ah 75  
Right Positive



### B10049

Weight 58lbs 26.3kg  
Length 13.9" 353mm  
Width 6.8" 173mm  
Height 7.5" 191mm  
PCA 2856  
Ah 100  
Right Positive



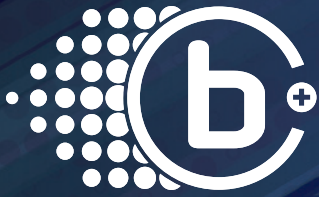
### B6034M

**MARINE**  
Weight 43lbs 19.5kg  
Length 10.1" 257mm  
Width 6.3" 160mm  
Height 7.75" 195mm  
PCA 2132  
Ah 60  
Left Positive



### B10531M

**MARINE**  
Weight 69lbs 31.3kg  
Length 12.94" 329mm  
Width 6.75" 172mm  
Height 9.38" 239mm  
PCA 2905  
Ah 105  
Left Positive



**WINNER**  
 Corvette Racing  
 24 Hours of Le Mans  
 GTE Pro Class  
 Started By ML30C  
 Lithium-Ion battery



### Lithium - Ion Features

Braille Battery has lead the way by being the first in the world to offer a lithium starting battery which fits directly into Original Equipment applications. Braille's Lithium Batteries offer extreme weight benefits and a longer service life. A racer that uses our lithium product can charge the battery from depleted to full charge in less than 30 minutes, save over 70% on battery weight, and have three times the average life cycle. Trusted by factory racing teams like Audi, Aston Martin, BMW, Corvette Racing, Ferrari, Ford, Jaguar, Lamborghini, Lola, Mazda, Nissan, Porsche, Toyota, and other marques exclusively.<sup>1</sup> This proven technology is available now for enthusiasts and manufacturers alike.

- Offers pulse cranking amps from 150 amps up to 1600 amps of energy — five times the amperage of similar sized lead acid batteries.
- Delivers above 12 volts of performance up to 3 times longer, and provides constant cranking performance for extended periods of time.
- Sealed Safe technology allows for positioning in any direction with no acid or hazardous chemicals spilling.
- Removable True-Torque Automotive Posts transmit the highest amperage to your starter.
- Race Spec terminal design.
- Up to a 5 year service warranty, covering both racing and competition use.
- Designed, built, and shipped in the USA fully charged and performance certified.
- Green-friendly, RoHS-compliant lead-free product with a modular design for longer life and less environmental waste.
- DOT Approved.



## MICRO • LITE LIGHTWEIGHT LITHIUM-ION

Carbon composite casings\* with CNC Precision Cell Top Design contain ultra-lightweight Lithium-Ion chemistries hand-selected and built by a Braille Factory Technician in the USA. High current interconnects, proprietary sine-wave balancing and high-amp brass terminals are just some of the exotic technologies this battery boasts for professionals and enthusiasts that demand the best.

\*Not all models available in Carbon Fiber. \*Optional Left or Right polarity.



### MLF1T

Weight 1lbs 0.5kg  
 Length 7" 178mm  
 Width 1.3" 36mm  
 Height 2.3" 64mm  
 PCA 150  
 LAH 9  
 Left Positive



### ML9C

Weight 3.7lbs 1.7kg  
 Length 6.16" 157mm  
 Width 3.5" 89mm  
 Height 4.28" 108mm  
 PCA 793  
 LAH 36  
 Left Positive / Right Positive\*



### ML14C

Weight 4.5lbs 2kg  
 Length 5.75" 146mm  
 Width 3.4" 86mm  
 Height 5.8" 147mm  
 PCA 952  
 LAH 42  
 Left Positive



### ML20C

Weight 6.1lbs 2.8kg  
 Length 6.8" 173mm  
 Width 3.54" 89mm  
 Height 6.19" 157mm  
 PCA 1325  
 LAH 48  
 Right Positive



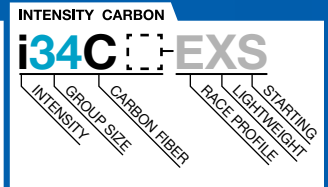
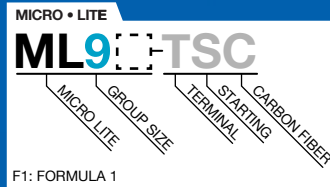
### ML30C

Weight 9.3lbs 4.2kg  
 Length 6.6" 168mm  
 Width 5.2" 132mm  
 Height 6.88" 173mm  
 PCA 1905  
 LAH 84  
 Right Positive



### ML128L

Weight 8.8lbs 4kg  
 Length 10" 254mm  
 Width 3.25" 83mm  
 Height 6.5" 165mm  
 PCA 1698  
 LAH 90  
 Right Positive  
 Charger Combo available



F1: FORMULA 1



**WINNER**  
Rolex 24  
Chip Ganassi Racing  
Prototype Class

## RACE LITHIUM-ION INTENSITY CARBON



Race-winning Lithium Technology designed for the enthusiast and the professional. Tremendous weight savings, Original Equipment Replacement sizing and superior starting. Excellent off-season storage performance, brass terminals and high-amp design.



### i34CE

Weight	9.7lbs	4.4kg
Length	10.4"	264mm
Width	6.3"	160mm
Height	5.5"	140mm
PCA	1520	
LAH	75	

Left Positive / Right Positive\*



### i48CE

Weight	10lbs	4.5kg
Length	11"	279mm
Width	6.8"	173mm
Height	5.5"	140mm
PCA	1520	
LAH	75	

Right Positive



### i49CE

Weight	13.9lbs	6.3kg
Length	13.9"	353mm
Width	6.8"	173mm
Height	5.5"	140mm
PCA	2325	
LAH	114	

Right Positive



### i34CX

Weight	10.2lbs	4.6kg
Length	10.4"	264mm
Width	6.8"	173mm
Height	7.7"	195mm
PCA	1520	
LAH	75	

Left Positive / Right Positive\*

### i34CS

Weight	17.5lbs	7.9kg
Length	10.4"	264mm
Width	6.8"	173mm
Height	7.7"	195mm
PCA	2875	
LAH	145	

Left Positive / Right Positive\*



### i48CX

Weight	10.5lbs	4.8kg
Length	11"	279mm
Width	6.8"	173mm
Height	7.7"	195mm
PCA	1520	
LAH	75	

Right Positive

### i48CS

Weight	18lbs	8.2kg
Length	11"	279mm
Width	6.8"	173mm
Height	7.7"	195mm
PCA	2875	
LAH	150	

Right Positive



### i49CX

Weight	14.4lbs	6.5kg
Length	13.9"	353mm
Width	6.8"	173mm
Height	7.7"	195mm
PCA	2325	
LAH	114	

Right Positive

### i49CS

Weight	21.5lbs	9.8kg
Length	13.9"	353mm
Width	6.8"	173mm
Height	7.7"	195mm
PCA	3625	
LAH	189	

Right Positive

## LIGHT & STRONG SUPER 16V LITHIUM



### B168L

Weight	9lbs	4.08 kg
Length	10"	254mm
Width	3.25"	83mm
Height	6"	152mm
PCA	2325	
LAH	66	

Left Positive

\*25A Charger Combo available  
**DRAG RACE SPEC**

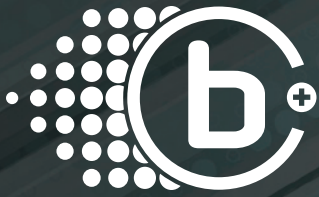


### B169L

Weight	9lbs	4.08kg
Length	10"	254mm
Width	3.25"	83mm
Height	6"	152mm
PCA	950	
LAH	75	

Left Positive

\*6A Charger Combo available  
**CIRCLE TRACK SPEC**



BRILLE BATTERY • MOTORSPORTS • POWERSPORTS • WATERSPORTS  
**BRILLE LITHIUM**  
 ORIGINAL EQUIPMENT REPLACEMENT



Factory BMW 1000RR AMA  
 Powered by G9 Lithium



## GREEN•LITE POWER SPORTS LITHIUM-ION

Race-winning Lithium Technology designed for the enthusiast and the professional. Tremendous weight savings, Original Equipment Replacement sizing and superior starting. Excellent off-season storage performance, brass terminals and high-amp design. RoHS-compliant, environmentally friendly and DOT approved.



**G5**  
 Weight 1.4lbs 0.63kg  
 Length 4.46" 113mm  
 Width 2.59" 65mm  
 Height 3.69" 94mm  
 PCA 197  
 LAH 7.2  
 Left Positive  
**G5L** Right Positive



**G5S**  
 Weight 2.1lbs 0.95kg  
 Length 4.46" 113mm  
 Width 2.59" 65mm  
 Height 3.69" 94mm  
 PCA 346  
 LAH 18  
 Left Positive  
**G5SL** Right Positive



**G7**  
 Weight 1.5lbs 0.68kg  
 Length 6.95" 177mm  
 Width 2.58" 65mm  
 Height 3.69" 94mm  
 PCA 214  
 LAH 7.5  
 Left Positive  
**G7L** Right Positive



**G9**  
 Weight 2.3lbs 1.04kg  
 Length 6.95" 177mm  
 Width 2.58" 65mm  
 Height 3.69" 94mm  
 PCA 346  
 LAH 18  
 Left Positive  
**G9L** Right Positive



**G7K**  
 Weight 1.5lbs 0.68kg  
 Length 5.9" 149mm  
 Width 2.57" 65mm  
 Height 3.58" 90mm  
 PCA 214  
 LAH 7.5  
 Left Positive



**G9K**  
 Weight 2.3lbs 1.04kg  
 Length 5.9" 149mm  
 Width 2.57" 65mm  
 Height 3.58" 90mm  
 PCA 346  
 LAH 18  
 Left Positive

## GREEN•LITE MOTOR SPORTS LITHIUM-ION

Race-winning Lithium Technology designed for the enthusiast and the professional. Tremendous weight savings, Original Equipment Replacement sizing and superior starting. Excellent off-season storage performance, brass terminals and high-amp design. RoHS-compliant, environmentally friendly and DOT approved.



**G20**  
 Weight 4.5lbs 2.04kg  
 Length 7.10" 180mm  
 Width 2.90" 74mm  
 Height 6.25" 159mm  
 PCA 697  
 LAH 36  
 Right Positive



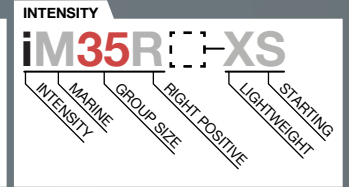
**GU1R**  
 Weight 6.4lbs 2.90kg  
 Length 7.68" 195mm  
 Width 5.13" 140mm  
 Height 7.13" 182mm  
 PCA 947  
 LAH 39  
 Right Positive  
 Charger Combo available



**GU1R-6 (6-VOLT\*)**  
 Weight 6.4lbs 2.90kg  
 Length 7.68" 195mm  
 Width 5.13" 140mm  
 Height 7.13" 182mm  
 Volts 6  
 Right Positive  
 Charger Combo available  
 \* Use with Brille Lithium 6-volt charger #632L ONLY



**WINNER**  
 Indy Lights Series  
 Powered by ML20C Lithium  
 Official Battery



# DROP-IN LITHIUM-ION APPLICATIONS INTENSITY



Race-winning Lithium Technology designed for the enthusiast and the professional. Tremendous weight savings, Original Equipment Replacement sizing and superior starting. Excellent off-season storage performance, brass terminals and high-amp design. RoHS-compliant, environmentally friendly and DOT approved. Custom design available.

## LIGHTWEIGHT

Lowest Cost  
Lightest Weight  
Exceeds OE Starting & Run Time Performance  
OE Size Casing

## STARTING

Lighter than OE Weight (as much as 50% lighter)  
Highest Pulse Cranking Power  
2x OE Capacity  
OE Size Casing



### GROUP 25 GROUP 35

Length 9.45" 240mm  
Width 6.59" 167mm  
Height 8.54" 217mm

#### i25X

Weight 11.4lbs/5.17kg  
PCA 1438  
LAH 75  
Left Positive

#### i25S

Weight 18.5lbs/8.39kg  
PCA 2665  
LAH 153  
Left Positive

#### i35X

Weight 11.4lbs/5.17kg  
PCA 1438  
LAH 75  
Right Positive

#### i35S

Weight 18.5lbs/8.39kg  
PCA 2665  
LAH 153  
Right Positive



### GROUP 34

Length 10.87" 276mm  
Width 6.99" 178mm  
Height 7.76" 197mm

#### i34X

Weight 11.5lbs/5.21kg  
PCA 1438  
LAH 78  
Left Positive

#### i34S

Weight 18.9lbs/8.57kg  
PCA 2665  
LAH 159  
Left Positive

#### i34RX

Weight 11.5lbs/5.21kg  
PCA 1438  
LAH 78  
Right Positive

#### i34RS

Weight 18.9lbs/8.57kg  
PCA 2665  
LAH 159  
Right Positive



### GROUP 34/78

Length 10.87" 276mm  
Width 6.99" 178mm  
Height 7.76" 197mm

#### i3478X

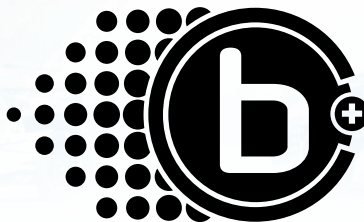
Weight 12.2lbs/5.53kg  
PCA 1438  
LAH 78  
Left Positive

#### i3478S

Weight 19.5lbs/8.85kg  
PCA 2665  
LAH 159  
Left Positive



**WINNER**  
Trans-Am T2 Champion  
Robinson Racing  
Powered by i34X Lithium



LIGHTER • STRONGER • FASTER

# RACE PROVEN. WINNER'S CHOICE



NASCAR • LE MANS • INDY • FORMULA 1 • RALLY • MOTORCYCLE

## AGM CHARGING SOLUTIONS



**1232**  
2 AMP



**1236**  
6 AMP



**12310**  
10 AMP



**12313**  
10 Battery x 250 mah

## LITHIUM CHARGING SOLUTIONS



**1236L**  
6 AMP



**12310L**  
10 AMP



**12325L**  
25 AMP



**16325L**  
16V 25 AMP

## ACCESSORIES MOUNTING SOLUTIONS



**REMOVABLE BRASS POSTS**  
Part # 2012K



**SIDE POST GM CONVERSION**  
Part # 201



**TERMINAL PROTECTORS**  
Part # 203



**J-HOOKS**  
6" Part # 1086  
8" Part # 1088  
10" Part # 10810



**LAYDOWN ALUMINUM MOUNT KIT**  
B106 / B106C Part # 1018  
B129 Part # 1218  
B14115 / B14115C Part # 1418  
B2015 / B2015C Part # 2018  
B2317 / B2317C Part # 2318  
B2618 Part # 2618  
B3121 / B3121C Part # 3118  
ML7 / G7 / G9 Part # 0718



**VERTICAL ALUMINUM MOUNT KIT**  
Part #211  
B106 B129 B14115  
B2015 ML9C ML14C  
ML20C B128L B168L



**UNIVERSAL RUBBER KIT**  
Part # 1821  
Rubber Strap  
10" J-Hooks



**UNIVERSAL FRP KIT**  
Adjustable FRP Mount Kit  
6" J-Hook Part # 6186  
8" J-Hook Part # 6188  
10" J-Hook Part # 61810



Braille Battery Inc., Braille Battery, Advanced AGM, Carbon AGM, Endurance Series, Super 16, Green-Lite, Micro-Lite, Intensity, Oasis Energy, Celltop, and True Torque logos are trademarks of Braille Battery Inc. \*Automotive manufacturers, racing sanctioning bodies, and vehicle likenesses are the property of their respective owners. All specifications are as of November 2016 and subject to change. Please contact manufacturer for the latest list of specifications.

