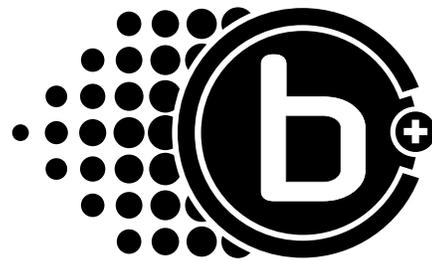


# 2020 CATALOG

v.1.0



**braille**™

**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



BRILLE BATTERY • MOTORSPORTS

# ADVANCED AGM TECHNOLOGY

## MOTORSPORTS



NASCAR K&N Pro Series  
Rev Racing #4  
Started by Braille 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 tested and performance certified 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. Carbon-case designed for extreme heat and vibration protection.



**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



**B14115**  
 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

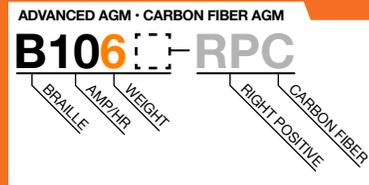


**B3121**  
 Weight 21lbs 9.5kg  
 Length 6.6" 168mm  
 Width 5.2" 132mm  
 Height 6.8" 173mm  
 PCA 1380  
 Ah 31  
 Right Positive



**B3121C**  
 Weight 21lbs 9.5kg  
 Length 6.6" 168mm  
 Width 5.2" 132mm  
 Height 6.8" 173mm  
 PCA 1380  
 Ah 31  
 Right Positive





**WINNER**  
24 Hours of Le Mans  
GTE Pro Class  
Ford Racing  
Started by Braille ML30C

## 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

**MARINE B6034M**  
Weight 43lbs 19.5kg  
Length 10.1" 257mm  
Width 6.3" 160mm  
Height 7.75" 195mm  
PCA 2132  
Ah 60  
Left Positive

**MARINE B10531M**  
Weight 69lbs 31.3kg  
Length 12.94" 329mm  
Width 6.75" 172mm  
Height 9.38" 239mm  
PCA 2905  
Ah 105  
Left Positive



## INDYCAR TECHNICAL PARTNER

Braille Battery is an official technical partner to the IndyCar series. Every IndyCar on the grid is powered by the latest in Braille Lithium technology.



**WINNER**  
Grand Prix of Long Beach  
IndyCar  
Schmidt Peterson  
Powered by Braille ML7Ti



**WINNER**  
 IMSA WeatherTech  
 GTLM Class Champion  
 Corvette Racing  
 Started by Braille ML30C

### 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 performance certified and tested.
- 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.



**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



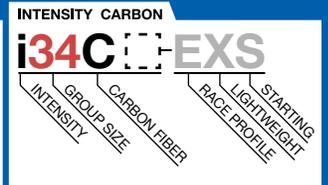
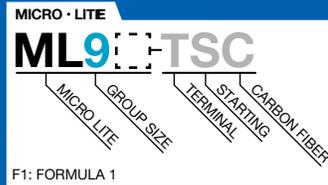
**ML20C**  
 Weight 6.1lbs 2.8kg  
 Length 6.8" 173mm  
 Width 3.54" 89mm  
 Height 6.19" 157mm  
 PCA 1325  
 LAH 48  
 Right Positive



**ML30C**  
 Weight 9.3lbs 4.2kg  
 Length 6.6" 168mm  
 Width 5.2" 132mm  
 Height 6.88" 173mm  
 PCA 1905  
 LAH 84  
 Right Positive



**B128L / B128L-M6**  
 Weight 8.5lbs 3.85kg  
 Length 10" 254mm  
 Width 3.25" 83mm  
 Height 6.15" 156mm  
 PCA 1698  
 Ah 23  
 LAH 90  
 Right Positive / 3/8" & M6 Terminals Optional



**WINNER**  
 IMSA WeatherTech  
 Prototype Class Champion  
 Wayne Taylor Racing Cadillac DPi  
 Started by Braille B128L

## 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  
 3/8" Terminals / Left Positive

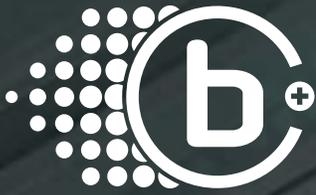
\*25A Charger Combo available  
**DRAG RACE SPEC**



### B169L

Weight 9lbs 4.08kg  
 Length 10" 254mm  
 Width 3.25" 83mm  
 Height 6" 152mm  
 PCA 950  
 LAH 75  
 3/8" Terminals / 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



**G30HC MOTORCYCLE SPEC**  
 Weight 7.7lbs 3.5kg  
 Length 6.8" 174mm  
 Width 5.2" 132mm  
 Height 6.9" 177mm  
 PCA 752  
 Ah 24  
 Right Positive  
 Charger Included

## 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



**G20C**  
 Weight 4.5lbs 2.04kg  
 Length 7.10" 180mm  
 Width 2.90" 74mm  
 Height 6.25" 159mm  
 PCA 697  
 LAH 36  
 Right Positive  
 Charger Included



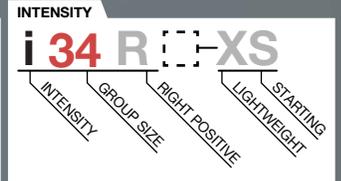
**G30**  
 Weight 5.5lbs 2.5kg  
 Length 6.8" 174mm  
 Width 5.2" 132mm  
 Height 6.9" 177mm  
 PCA 947  
 LAH 39  
 Right Positive



**G30C**  
 Weight 5.5lbs 2.5kg  
 Length 6.8" 174mm  
 Width 5.2" 132mm  
 Height 6.9" 177mm  
 PCA 947  
 LAH 39  
 Right Positive  
 Charger Included

**WINNER**  
 Indy Lights Series  
 Powered by Braille ML20C  
 Spec Battery





**WINNER**  
Trans-Am TA  
Ernie Frances JR  
Started by Braille i34X

Photo credit by Chris Clark

## 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.



### GROUP 34

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

### 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

### i34X

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

### i34S

Weight 18.9lbs/8.57kg  
PCA 2665  
LAH 150  
Left Positive

### i34RX

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

### i34RS

Weight 18.9lbs/8.57kg  
PCA 2665  
LAH 150  
Right Positive

## TRUCKING LITHIUM-ION FLEET SERIES GROUP 34,31



### GROUP 34 New Fleet Series F34

Weight 20.3 lbs 9.2kg  
Length 10.87" 276mm  
Width 6.99" 178mm  
Height 7.76" 197mm  
PCA 1500  
Ah 60  
Left Positive

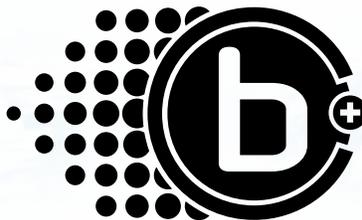
Terminals: 3/8" stud  
with SAE included



### GROUP 31 New Fleet Series F31

Weight 24.5 lbs 11.1kg  
Length 12.9" 327mm  
Width 6.8" 172mm  
Height 9.1" 231mm  
PCA 1600  
Ah 83  
PbEq 200  
Left Positive





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



**1636L**  
16V 6 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

