

# Braille Battery™ Intensity™ i48CS Lithium Ion Battery

Lighter. Stronger. Faster.



- **Easy Install:** Direct Group 48 Drop In Replacement
- **Lighter:** Up to 30 pounds lighter
- **Safer:** Sealed Safe Design, DOT Tested
- **Efficient:** Stable Voltage Output, Less Stress on Alternator
- **Greener:** Rohs Compliant Modular Design For Longer Life
- **Reliable:** Longer Cycle Life, 3 Year Warranty, Made in the USA

## MODEL DESIGNATION

Model Number: i48CS  
Capacity: 150 Lithium Amp Hour  
Battery Name: Braille Carbon Intensity i48CS Lithium Ion Race Battery

## PHYSICAL SPECS

BCI Group: Group 48  
Minimum Weight (lbs): **18 lbs / 8.2 kg**  
Length: 11" / 279 mm (all +/- .1")  
Width: 6.8" / 173 mm  
Height: 7.7" / 195 mm  
Post Type: SAE Automotive Terminal  
Polarity: Right Positive (Left Custom Available)  
Recommended Mounts: Group 48 Base Mounts



## PERFORMANCE

Voltage Class: 12 volts  
Full Charge Range: 13.5 volts  
Pulse Cranking Amps @ 80F: 2875  
Nominal Capacity (C/20 rate): **50 AH**  
Lead-Acid Equivalent Capacity: **150 Lithium AH (LAH)**  
Internal Resistance (ohms): 1.8 milliohms (.018ohms)  
Life Cycle @ 80% DOD: Up to 2500 cycles  
Life Cycle @ 10% DOD: **Up to 5000 cycles**

## CHARGING INFORMATION

Alternator: Automotive, Marine and Cycle Compatible  
Battery charger: Braille 12310L - 10 AH Lithium Ion Battery Charger  
Rapid Recharge: Braille 12325L - 25 AH Lithium Ion Battery Charger  
Maximum Charge Voltage @70F: 14.8  
Recommended Charge Voltage: 14.4

## WARRANTY

Warranty: 36 Months Pro-Rata; 12 Month Free Service/Replacement



**braille**  
BATTERY  
LIGHTER • STRONGER • FASTER