



Battery Builders

Highest Quality • Longest Life • More Power

THE INDUSTRY'S PROVEN CHOICE FOR MOTIVE POWER BATTERY SYSTEMS.

Battery Builders, LLC uses only the highest grades of lead, lead oxide, sulfuric acid, and premium insulating materials to deliver batteries with dependable power, long life, and paired with unmatched customer service. BBI has provided customers with the highest level of quality and service since 1950.



- Low antimonial grid design provides the greatest power potential and lowest possible internal resistance factors.
- Oversized grids deliver rated power capacity and performance throughout the entire life expectancy of the battery.
- Highest quality plastic and fiberglass materials are used to insulate the positive plate, ensuring an efficient electro-chemical reaction and eliminating internal shorting.
- Oversized "Post and Bridge" design delivers reduced resistance factor for cooler operation, enabling batteries to handle the high currents of opportunity and fast charge application.
- Quality control inspections ensure consistent performance backed by our 5-year warranty, meaning your battery delivers the reliability you expect.

BBI CELL HEIGHT SPECIFICATIONS

AH	CELL HEIGHT (IN.)	NUMBER OF PLATES
45	13.5	5, 9, 11, 13, 15, 21
55	15.25	5, 7, 9, 11, 13, 15, 17, 21, 23, 25, 27
85	21	5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27
100	24.375	5, 7, 9, 11, 13, 17, 19, 21, 23
125	28	5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27

Lead-acid batteries are rechargeable batteries that use lead and sulfuric acid to charge and discharge electrical energy. When lead is submerged in sulfuric acid, it creates a controlled chemical reaction. The reaction then causes the battery to generate electricity and can then be reversed to recharge the battery later on. Thanks to their longevity, durability, and reliability, lead-acid batteries are the preferred choice for motive power applications, providing reliable power to electric forklift trucks for material handling, airport tuggers, and even resurfacing the ice at hockey rinks.

COMPONENTS OF A FLAT PLATE BATTERY

