

# PREMIUM FLAT-PLATE

## MOTIVE POWER BATTERIES

### THE PREMIUM FLAT-PLATE ADVANTAGE

Premium Flat-Plate batteries deliver premium, cost-efficient power and extended durability and reliability to get the job done. Engineered for premium performance and boasting the highest flat-plate cycle performance (1600) warranty in the industry, these batteries deliver dependable performance to power your heavy-duty needs. Investments in process enhancements and world-class grid design, combined with the most durable paste in the industry, result in a superior flat-plate product. The improved performance and extended life cycle of this Premium Flat-Plate battery will boost the run time of your medium to heavy-duty trucks and reduce maintenance over the life of the battery. Trust Premium Flat-Plate batteries to work just as hard as you do to power your business forward.

SPECIFICATIONS:	85F	100F	125F
Ah	85	100	125
Height (without cover)	22.6"	25.6"	30.5"
Height (with cover)	23.3"	26.3"	31.0"
Plates	5-33	5-33	5-25



Opportunity Charge



Flat-Plate Design



Heavy Duty

BROUGHT TO YOU BY  
**RAYMOND**  
SOLUTIONS AND SUPPORT CENTERS

# IMPROVED FLAT-PLATE GRID PATTERN AND HIGHER PASTE DENSITY REINFORCE CYCLE LIFE



## WORLD CLASS PROCESS AND DESIGN IMPROVEMENTS DELIVER INCREASED DURABILITY AND PERFORMANCE.

- + Industry-leading flat-plate cycle performance (1600 or 5 years) extended warranty delivers up to three additional months of usage\*
- + 10% more active material increases paste weight reducing chemical and physical stress during discharge
- + Charged on state-of-the-art Inbatec\*\* advanced flow-thru formation equipment that simultaneously controls acid temperature, acid concentration, and current to protect paste integrity and increase charge/discharge performance and cycle life
- + Improved plate curing process and equipment result in a superior plate that has the highest level of paste cohesion and structural integrity improving durability and performance
- + Increased antimony in the positive grid alloy to 5.4% reduces corrosion and extends cycle life
- + Improved gravity control reduces peak gravity and results in lower corrosion and longer cycle life

\*Based on one cycle per day, the 1600 cycle warranty extends for 100 more days of use over a 1500 cycle warranty\*\*Equipment manufactured by Inbatec™ GmbH

### PREMIUM FLAT PLATE 5 YEAR / 1,600 CYCLE WARRANTY

Power and durability are two things you can count on with Premium Flat-Plate batteries. Not only do our batteries come with unparalleled service and support, they are also backed by our 5 year / 1,600 cycle industry leading warranty offering. Trust Premium Flat-Plate batteries to power your business forward.

For longer life and optimal performance, pair your Premium Flat-Plate batteries with appropriate chargers.

### END-TO-END SOLUTIONS

From initial consultation to custom-designed solutions to long-term product and operational support – and with a network of more than 100 Solutions and Support Centers – Raymond provides unmatched, world-class support tailored to meet your needs, help you drive down costs and run your business better and smarter.

### RECYCLE WITH ELEMENT RESOURCES

Element Resources is one of the largest secondary recyclers in the world, and one of the few companies with the ability to help divert batteries from the waste stream by returning the recycled materials to new products. Our commitment through our partnership to recycling and environmental responsibility is unwavering.