

ESSENTIAL TUBULAR

MOTIVE POWER BATTERIES

THE ESSENTIAL TUBULAR ADVANTAGE

Essential Tubular batteries deliver premium cost-efficient power and are more durable and dependable than traditional flat-plate designs. Engineered for premium performance, these batteries are the right choice for everyday conventional use and are ideal for opportunity charging operations. Essential Tubular batteries feature proprietary round tubular technology, which provides longer run times. The batteries can achieve up to 1800 cycles at 80% depth-of-discharge (DOD). Trust Essential Tubular batteries to keep your business moving forward.



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



Opportunity Charge



Tubular Design



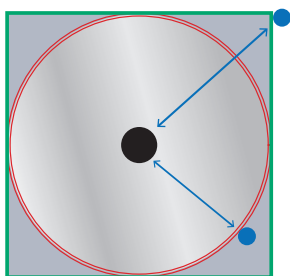
Heavy Duty

BROUGHT TO YOU BY
RAYMOND
SOLUTIONS AND SUPPORT CENTERS

ESSENTIAL TUBULAR MOTIVE POWER BATTERIES



- + Delivers more consistent, reliable power than equivalent volume flat-plate batteries by using the same round tubular positive plate technology as low maintenance tubular batteries.
- + Engineered for premium heavy duty performance
- + Enhanced grid design for increased energy efficiency
- + Increased positive spine diameter for longer life and greater efficiency
- + Improved separator technology for added vibration protection
- + Superior gauntlet design ensures plate and active material integrity
- + Approved for opportunity and fast charging applications



- ELECTRON
- SPINE
- TUBULAR DESIGN
- COMPETITIVE SQUARE DESIGN

IT IS SIMPLE GEOMETRY CIRCLES ARE MORE EFFICIENT THAN SQUARES

WHEN IT COMES TO IMPROVED PERFORMANCE,
A CIRCLE IS BETTER THAN A SQUARE.

Some manufacturers lead you to believe that an increase in surface area means added power. This is really only a small part of the story. The electrons in a square-tube design have further to travel, which can result in increased resistance and voltage drop. Round tubular technology is engineered for maximum efficiency by creating the shortest path possible. This results in higher voltage, longer run-time, and improved efficiency.

THE TUBULAR 5 + 1 WARRANTY DIFFERENCE

Power and performance are two things you can count on with tubular batteries. Not only do our batteries come with unparalleled service and support, they are also backed by our 5+1 warranty offering. Trust tubular batteries to power your business forward.

For longer life and optimal performance, pair your Tubular 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.