



STANDARD MEDICAL BATTERIES

Electric Fuel's new range of standard medical smart batteries offers improved reliability, longer lifecycle and global regulatory compliance.

An ISO-13485 certified company, Electric Fuel Ltd. develops industrial and medical batteries that provide optimal portable power solutions for the most challenging applications. Being part of Arotech Corporation's Power Systems Division, we service clients from the medical, automotive, defense and aerospace sectors, where lives depend on the exceptional reliability of our products.

POWER TO HEAL

WWW.ELECTRIC-FUEL.COM

BENEFITS

Our New EMB type Lithium-Ion Rechargeable Smart Batteries:

- Contain the most advanced cells from leading global manufacturers
- Offer intelligent low consumption battery management system with
 - Impedance tracking
 - Cell balancing
 - SMBus communication
 - LED fuel gauge
 - Protection: over current, over/under voltage, reverse polarity, short circuit and over/under temperature
- Demonstrate extra-long lifecycle
- Meet and comply with demanding international standards and requirements including: UL-2054, UL-1642 (cells), IEC-62133, UN-38.3, CE, FCC (certification for specific standards – by demand)
- Full material traceability
- Manufactured in an ISO-13485 certified facility

SPECIFICATION

Model	EMB-2020	EMB-2024	EMB-2053	EMB-2054	EMB-2057
Cell Configuration	3S X 3P	4S x 3P	1S x 4P	4S x 1P	2S X 2P
Nominal Voltage	11.1V	14.4V	3.6V	14.4V	7.2V
Capacity	9Ah	6.9Ah	13.6Ah	3.4Ah	6.8Ah
Energy	99.9Wh	99.4Wh	49.0Wh	49.0Wh	49.0Wh
Continuous Max. Current	7A	10A	10A	7A	10A
Dimensions (mm; LxWxH)	149 x 89 x 21	167 x 107 x 21	86 x 78 x 22	86 x 78 x 22	86 x 78 x 22
Typical Weight	500g	660g	240g	240g	240g

THE ELECTRIC FUEL ADVANTAGE

- As a high-volume purchaser of battery cells, we source the most advanced cells available and deliver economies of scale to our customers.
- Due to our multi-domestic and vertically integrated structure, with R&D and manufacturing facilities in several international locations, Electric Fuel can offer competitive pricing that is less dependent on currency rates and tax policy.
- As an ISO-13485 and AS-9100 certified company, we adhere to the highest quality standards.
- Our close partnership with R&D organizations as well as with our industrial customers ensures your exposure to the newest and the best that the battery market has to offer.

HOW CAN WE HELP YOU? CONTACT ELECTRIC FUEL AT:

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