



The HME Battery Specialists



Advanced design/manufacturing, including IPF® technology†, combine to make MK Battery's Sealed Gel Batteries the standard by which all other gel batteries are measured.

GEL Batteries

Gel General Specifications

Model	Voltage	Amp Hour (5 hrs.)*	Amp Hour (20 hrs.)*	Reserve Capacity @27°C	Weight Kgs.	Length mm	Width mm	Total Height mm**
MU-1 SLD G	12	26.8	31.6	44	10.5	196	132	183
8GU1H	12	26.8	31.6	44	10.5	211	132	183
M40-12 SLD G	12	34.0	40.0	59	14.5	197	168	175
M22NF SLD G	12	43.2	51.0	77	16.8	228	139	235
M34 SLD G	12	47.5	60.0	90	19.1	259	169	179
M24 SLD G	12	63.0	73.6	132	23.6	259	167	235
M24 SLD G FT	12	63.0	73.6	132	23.6	259	173	209
8G27	12	72.0	88.0	160	28.6	323	173	236
8G31DT	12	80.5	97.6	180	31.8	329	171	237

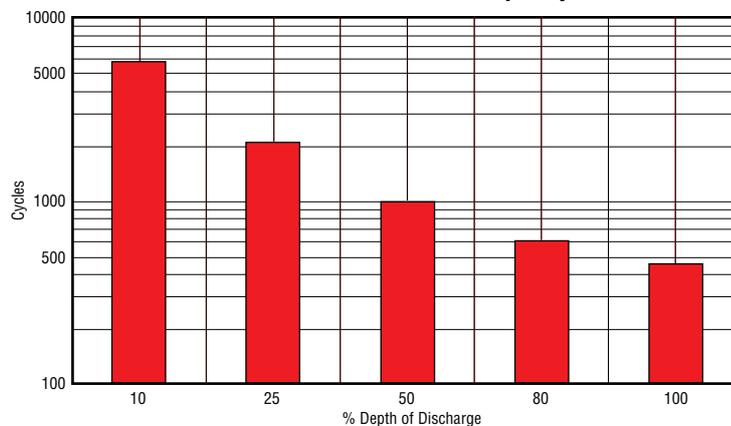
*Ampere hour capacity is a nominal rating. All ratings are after 15 cycles and conform to B.C.I. specifications. **Includes Terminal. All data subject to change without notice. †Individual plate formation.

MK Gel Sealed. The Mobility Industry Standard.

When you think quality Deep Cycle batteries, think of MK Battery. Our premium gel sealed battery products have been the number one choice for years by the leading wheelchair manufacturers. When it comes to performance and quality, the MK Gel is the standard.

- Deep Cycle - Premium sealed batteries capable of up to 1100 cycles for a typical HME user.
- Gelled/Suspended Electrolyte - No liquid of any kind; battery is completely sealed. Safe in any position.
- Maintenance Free - Water is never added; low liability.
- Travel & Ship Easily - MK batteries are F.A.A., IATA, and UPS approved. Others may not be.
- Safety - Sealed batteries have a special re-sealing vent system that prevents excessive internal pressure; thus, they cannot explode under normal conditions.

Gel Cycle Life vs Depth of Discharge at +25°C (77°F) Based on BCI 2-hour Capacity



UL Recognized Component

ISO 9001



BENEFITS

- Sealed construction eliminates periodic watering, corrosive acid fumes and spills.
- Electrolyte will not stratify, no equalization charging required. Allows faster recharge.
- Increases durability and deep cycle ability for heavy demand applications.
- Less than 2% per month stand loss means little deterioration during transport and storage.
- Individual plate formation (IPF®) technology optimizes power capacity, cell consistency, and long-term reliability.
- Transports easily and safely by air.
- Quality construction ensures reliable performance.

GEL SPECIFICATIONS

Voltage	12 volts nominal
Plate Alloy	Lead Calcium
Posts	Forged terminals and bushings
Container/Cover	Polypropylene
Charge/Absorption /Equalize	2.30 vpc to 2.43 vpc @ 77°F (25°C)
Float/Standby	2.25 vpc ± 0.01 77°F (25°C)
Electrolyte	Sulfuric acid thixotropic gel
Vent	Self sealing
Operating Temperature	Fully charged range: -76°F (-60°C) to 140°F (60°C)



NON-SPILLABLE by DOT (Department of Transportation), ICAO (International Commercial Airline Organization), and IATA (International Airline Transport Association, A67) definitions.

Small Sealed/AGM Batteries

General Specifications

Model	Voltage	Amp Hour (5 hrs.)*	Amp Hour (20 hrs.)*	Weight Kgs.	Length mm	Width mm	Total Height mm**
ES4-6	6	3.8	4.5	0.9	70	47	105
ES12-6	6	10.2	12	1.9	151	50	99
ES1.2-12	12	1	1.2	0.6	97	43	59
ES3-12	12	2.6	3	1.3	134	67	66
ES5-12	12	4.3	5	1.9	90	70	107
ES7-12	12	6.1	7.2	2.4	151	65	102
ES10-12S	12	8.5	10	3.3	151	65	118
ES12-12	12	10.2	12	4.1	151	98	98
ES14-12	12	11.9	14	4.3	151	98	98
ES17-12	12	15.3	18	6.0	181	76	167
ES20-12C FT	12	17	20	6.1	181	76	167
M12260 SLD M	12	22.1	26	9.3	166	175	125

*Ampere hour capacity is a nominal rating. **Includes Terminal. All data subject to change without notice.

MK Small Sealed. A Wide Range Of Sizes To Fit Your Needs.

Manufactured to MK Battery specifications and standards, our line of Small Sealed AGM batteries are designed for a broad range of applications. From patient lift devices to light-duty motorized scooters, you can depend on MK Battery to provide the power you need.



AGM FEATURES

- Maintenance-Free
- Valve Regulated
- Rugged, Compact Design
- Multiple Applications
- Float or Cycle Use
- Low Self-Discharge
- Lead Calcium Construction
- Absorbed Glass Mat
- Tank Formed Plates



These attractive stickers are available to MK customers free of charge for placement on dispensed power mobility equipment.



MK70 CAPTEST Battery Capacity Tester & Charger Tester

- 12 Volt Battery Discharge Tester
- 12 Volt and 24 Volt Charger Tester
- Tests Gel and AGM Batteries
- Test Download and Graph Print Features
- Light Weight and Compact Design
- Software Included

MK Battery Offers The Whole Package

Battery Training & Merchandising Made Easy by MK Battery

MK Battery is committed to helping our HME business partners succeed in today's challenging environment. We offer an array of training and merchandising materials specifically designed for the HME dealer. From technical training support to a host of retail marketing tools, MK Battery provides the resources you need.

MK Battery Offers The Whole Package

Battery Training & Merchandising Made Easy by MK Battery

- HME Guide
- Recharge Stickers
- Retail Posters
- Battery Care & Maintenance Guide
- Authorized Dealer Stickers
- Technical Training Support

Ask your MK Representative for details.

MK POWERED
www.mkbattery.com

YOUR PARTNER IN POWER

MK Battery is one of the world's largest specialty sealed, deep-cycle battery suppliers. Mobility manufacturers and HME suppliers know that our mission to supply the highest quality battery products to the mobility industry has made us the supplier of choice.

MK Battery markets the highest quality batteries available. Extended cycle life and high capacity sealed batteries are MK's hallmark. This means greater service life and performance for your customers. Our ongoing R&D efforts ensure you the most effective technology to meet your unique requirements.

MK Battery ships fresh inventory fast, often within 24 hours, from a stock of more than 100,000 batteries in multiple distribution centers throughout the world and assists our customers with proper scrap battery disposal. (Please note that violation of hazardous waste disposal laws can place heavy penalties on offenders).

Merchandising materials. Training support. No direct sales. These are some of the things that set MK Battery apart from other battery sellers. MK supports manufacturers, HME suppliers, and consumers in their need for applicable battery information. We have worked to further the application of new technology for the continued improvement of mobility through groups, such as the ANSI/RESNA Wheelchair Standard Committee. With MK Battery, you know that you can expect our total commitment to keep you at the forefront of new technology and to provide the greatest value in power.

Products
Service
Customer Care
Industry Support



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