



# Powering Independence



**HME / Mobility**





Advanced design/manufacturing, and proven performance over time combine to make MK Battery's Genuine Gel Batteries the standard by which all others are measured.

# High Capacity Gel Batteries

## Gel General Specifications

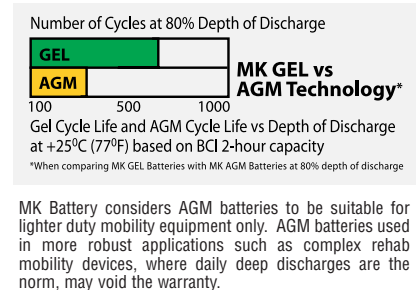
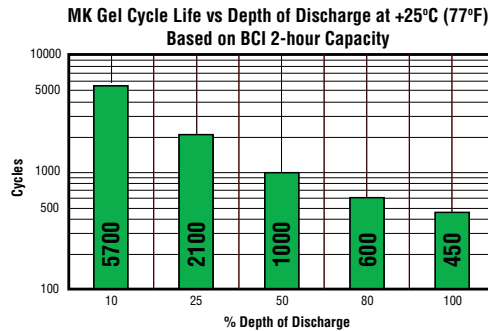
Model	Voltage	Amp Hour (5 hrs.)*	Amp Hour (20 hrs.)*	Reserve Capacity @80°F	Weight Lbs. (Kgs.)	Length In. (mm)	Width In. (mm)	Total Height In. (mm)**
MU-1 SLD G	12	26.8	31.6	44	23.5 (11)	7.71 (196)	5.18 (132)	7.22 (183)
M40-12 SLD G	12	34.0	40.0	59	31.5 (14)	7.76 (197)	6.62 (168)	6.88 (175)
M22NF SLD G	12	43.2	51.0	77	37.5 (17)	8.99 (228)	5.47 (139)	9.26 (235)
M34 SLD G	12	47.5	60.0	90	38.5 (17)	10.20 (259)	6.64 (169)	7.05 (179)
M24 SLD G	12	63.0	73.6	132	51.5 (23)	10.20 (259)	6.56 (167)	9.27 (235)
M24 SLD G FT	12	63.0	73.6	132	51.5 (23)	10.20 (259)	6.80 (173)	8.24 (209)
M27 SLD G	12	72.0	88.0	160	62.0 (28)	12.83 (326)	6.56 (167)	9.33 (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.

## MK Genuine Gel The Mobility Industry Standard

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

- Deep Cycle - Premium, Sealed Valve Regulated Lead Acid (VRLA) batteries capable of up to 1100 cycles for a typical HME mobility 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 - MK Sealed VRLA batteries have a special re-sealing vent system that prevents excessive internal pressure; thus, they cannot explode under normal conditions.



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.
- Meets standard industry gel battery definition which states that "the electrolyte must be immobilized by a gelling agent." (see definition below).
- Transports 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)

**BCI Definition:** GEL – Electrolyte that has been immobilized by the addition of a chemical agent, normally fine silica, to prevent spillage. Batteries made with gelled electrolyte are often referred to as Gel batteries.

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



# Small Sealed AGM Batteries

## Small Sealed AGM General Specifications

Model	Voltage	Amp Hour (20 hrs.)*	Weight Lbs. (Kgs.)	Length In. (mm)	Width In. (mm)	Total Height In. (mm)**
ES4-6	6	4.5	1.80 (0.8)	2.76 (70)	1.85 (47)	4.17 (106)
ES12-6	6	12	4.05 (1.84)	5.94 (151)	1.97 (50)	3.90 (99)
ES1.2-12	12	1.2	1.21 (0.6)	3.82 (97)	1.69 (43)	2.32 (59)
ES3-12	12	3	2.86 (1.3)	5.28 (134)	2.64 (67)	2.58 (66)
ES5-12	12	5	4.18 (1.9)	3.54 (90)	2.76 (70)	4.21 (107)
ES7-12	12	7.2	5.28 (2.4)	5.94 (151)	2.56 (65)	4.02 (102)
ES10-12S	12	10	7.24 (3.3)	5.94 (151)	2.56 (65)	4.67 (118)
ES12-12	12	12	8.84 (4.0)	5.94 (151)	3.86 (98)	3.86 (98)
ES14-12	12	14	9.68 (4.4)	5.94 (151)	3.86 (98)	3.94 (100)
M17-12 SLD M	12	18	12.89 (5.9)	7.13 (181)	2.99 (76)	6.57 (167)
ES20-12C	12	20	13.09 (6.0)	7.13 (181)	2.99 (76)	6.57 (167)
M12260 SLD M	12	26	20.50 (9.3)	6.54 (166)	6.89 (175)	4.92 (125)

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



MK Battery carries a complete line of replacement batteries for all types of medical device applications. If you need batteries for respiratory equipment, patient lifting, IV, or any other type of device, call MK Battery for our complete Medical Device Replacement Battery brochure.

## Alkaline Batteries

Premium top-brand alkalines are available in sizes 9 volt, AA, AAA, C and D.

# High Capacity AGM Batteries

## High Capacity AGM General Specifications

Model	Voltage	Amp Hour (20 hrs.)*	Weight Lbs. (Kgs.)	Length In. (mm)	Width In. (mm)	Total Height In. (mm)**
MU-1 SLD A	12	32	23.00 (10.0)	8.41 (214)	5.18 (132)	7.22 (183)
MU-1 SLD M	12	35	22.70 (10.3)	7.76 (197)	5.16 (131)	7.09 (180)
MU-1 SLD M-33	12	33	22.20 (10.1)	7.76 (197)	5.16 (131)	7.09 (180)
M40-12 SLD M	12	45	29.50 (13.4)	7.78 (198)	6.54 (166)	6.73 (171)
M50-12 SLD M	12	50	33.20 (15.1)	7.83 (199)	6.54 (166)	6.73 (171)
M22NF SLD A	12	55	37.00 (17.0)	9.60 (244)	5.47 (139)	9.24 (235)
M55-12 SLD M	12	55	38.06 (17.3)	8.90 (226)	5.31 (135)	8.43 (214)
M75-12 SLD M	12	75	53.68 (24.4)	10.24 (260)	6.69 (170)	8.15 (207)

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



# Chargers & Test Equipment

## Charger Specifications

Model	Voltage	Amp	Description	Cord Options*
LS2606	12	6	For Sealed VRLA type or wet lead acid batteries	Alligator Clips
LS24/5	24	5	For Sealed VRLA type or wet lead acid batteries. Can be used with 115 or 230 AC voltage supply (switchable).	08
M-D-EN0801	24	8	Automatic charger for all lead acid battery types - Gel/AGM/Wet	05, 05R, 06, 08

\*05 (square), 05R (round), 06 (square), 08 (round)

## Tester Specifications

Model	Description
E-100-20	Volt Meter, Digital 5-60 DC
E-100-10	Battery Load Tester, 12 Volt
MK70	Discharge capacity tester w/digital readout

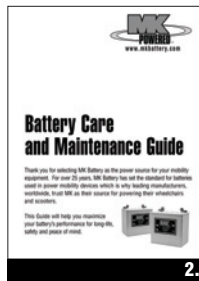


# MK Battery Supports the HME Industry

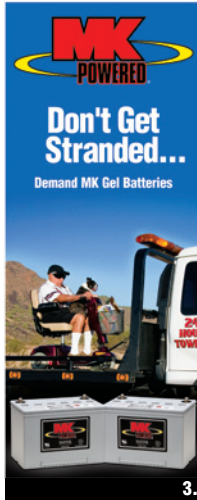
MK Battery is committed to helping our HME business partners succeed in today's challenging environment. We offer an array of training and merchandising tools specifically designed for the HME dealer. From our accredited technical training programs to our retail marketing pieces, MK Battery provides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



1.



2.



3.



4.



5.

1. Attractive "Recharge Every Night" reminder stickers are available to MK customers free of charge for placement on dispensed power mobility equipment. Authorized dealer decals also available.

2. The Battery Care & Maintenance Guide provides consumers with concise tips on proper care, charging, storage & maintenance and safety aspects associated with batteries used in their mobility equipment.

3. Full-color, retail display with takeaway insert. A visual accent to any dealer showroom with a clear message that quality batteries make a big difference in the performance of wheelchairs and scooters.

4. MK Battery offers an assortment of technical and educational support, specifically designed for the HME industry. Accredited in-service presentations and a host of other technical and training tools are available to authorized dealers.

5. MK Battery is committed to supporting the strategic industry initiatives at the national, state and local levels. Through educational programs, participation in global wheelchair standards committees, direct lobbying efforts, and financial support of industry associations, MK Battery is your partner in protecting the interests of the HME community.

MK Battery proudly supports:

AA HOMECARE | NRRTS | NCART | RESNA

## YOUR PARTNER IN POWER

MK Battery is one of the world's largest specialty Sealed VRLA, deep-cycle battery suppliers. Trusted globally by mobility products manufacturers and HME providers, our mission to supply the highest quality battery products to the mobility industry has kept us at the forefront of providing unsurpassed battery performance and dependability.

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 spent battery disposal thru EPA permitted smelters. (Please note that violation of hazardous waste disposal laws can place heavy penalties on offenders).

Educational literature. Training videos. Lobbying support for reimbursement. These are some of the things that set MK Battery apart from other battery sellers. MK Battery supports mobility manufacturers, HME providers, and consumers with extensive battery care, maintenance and safety information. We have worked to further the application of new technologies for the continued improvement of mobility through groups such as ANSI/RESNA Wheelchair Standards Committee, on which we proudly serve. 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.



MK Battery is a proud sponsor and the official battery of the United States Power Soccer Association and TEAM USA National Power Soccer Team.

[www.powersoccerusa.org](http://www.powersoccerusa.org)



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