



# MK Battery – The HME Battery Specialist

## GEL/SEALED LEAD ACID BATTERIES

### 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 500 cycles that are fully laboratory tested.
- 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/Sealed Lead Acid General Specifications								
Model	Voltage	Amp Hour (6 hrs.)*	Amp Hour (20 hrs.)*	Reserve Capacity	Weight Lbs. (Kgs.)	Length In. (mm)	Width In. (mm)	Height In. (mm)
U-1SLD G	12	26.5	31.6	44	24.2 (11.0)	7.75 (197)	5.13 (130)	7.25 (184)
22NF SLD G	12	22.0	50.6	82	37.6 (17.1)	9.38 (238)	5.50 (140)	9.25 (235)
24 SLD G	12	61.0	73.6	132	53.6 (24.3)	10.25 (260)	6.75 (171)	9.88 (251)
24 PERM	12	61.0	73.6	132	53.6 (24.3)	10.25 (260)	6.75 (171)	8.25 (210)
27 SLD G	12	72.0	86.4	160	63.2 (28.7)	12.75 (324)	6.75 (171)	9.88 (251)
17-12 SLD	12	14.1	17.0	20	15.0 (6.8)	7.13 (181)	2.99 (76)	6.58 (167)
12V24P SLD	12	20.0	24.0	35	20.0 (9.1)	4.90 (125)	6.50 (165)	6.90 (175)
12260 SLD	12	21.6	26.0	40	20.0 (9.1)	6.90 (175)	6.54 (166)	4.90 (125)
40-12 SLD	12	33.2	40.0	60	30.8 (14)	7.72 (196)	6.50 (165)	6.74 (171)

\*Ampere hour capacity is a nominal rating.  
All ratings are after 15 cycles and conform to B.C.I. specifications.

### Exclusive MK Battery Features

- Exclusive Gelled Electrolyte Formula
- Exclusive Computerized Gel Mixing
- Exclusive Multi-Stage Filling
- Exclusive Tank Formed Plates
- Exclusive Calcium/Copper Lead Alloy Grids
- Exclusive Weld Seals
- Over 250 Quality Checks

### SPECIFICATIONS

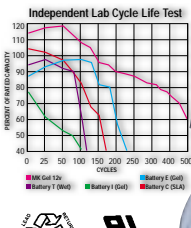
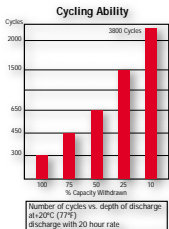
VOLTAGE	12 VOLTS NOMINAL
PLATE ALLOY	LEAD CALCIUM
POSTS	FORGED TERMINALS AND BUSHINGS
CONTAINER/COVER	POLYPROPYLENE
CHARGE VOLTAGE	CYCLE 2.30 TO 2.35; FLOAT 2.25 TO 2.30 V.P.C.
SPECIFIC GRAVITY	1.280
ELECTROLYTE	SULFURIC ACID THIXOTROPIC GEL
VENT	SELF SEALING (2PSI OPERATION)
RESISTANCE	4.0 MILLIOHMS (FULL CHARGE)
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) DEFINITIONS.

### BENEFITS

- Completely maintenance free. 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.
- Tank formation ensures voltage matching between cells.
- Transports easily and safely by air. No special containers needed.
- Ensures reliable service, support and quality.

### CHARACTERISTICS OF MK BATTERIES



## WET LEAD ACID BATTERIES

For those who must have them, our premium deep-cycle wet lead acid batteries are available for wet, charged delivery.

Wet Lead Acid General Specifications								
Model	Voltage	Amp Hour (20 hrs.)*	Reserve Capacity	Wet Weight Lbs. (Kgs.)	Dry Weight Lbs. (Kgs.)	Length In. (mm)	Width In. (mm)	Height In. (mm)
U-1	12	34	44	23 (10.5)	17 (7.7)	7.75 (197)	5.12 (130)	7.25 (184)
22NF	12	55	72	30 (13.6)	23 (10.5)	9.37 (238)	5.50 (140)	9.25 (235)
DC-24	12	85	150	46 (20.9)	33 (15.0)	10.25 (260)	6.75 (171)	9.25 (235)
DC-27	12	105	160	52 (23.6)	40 (18.2)	12.06 (306)	6.75 (171)	9.25 (235)

### Gel Sealed Versus Wet Lead Acid Batteries

For many years, we have accepted the wet deep cycle battery as the norm for the mobility industry. Even with its safety, maintenance, transportation, and corrosion problems, we used it because it was the only product available that worked as a fuel tank for everyday wheelchair use. That is the past. Times have changed.

High quality MK gel sealed batteries provide safety, are maintenance free, transportable, and more cost effective, making them the product of choice. They are truly the only battery that should be used in mobility equipment. MK Battery has supported the sealed technology as the new mobility standard.

MK Battery supports and endorses the new ANS/RESNA Sealed Battery Standard for mobility equipment.



## SMALL SEALED BATTERIES

MK Battery carries a complete line of small sealed lead acid batteries for all types of HME applications. If you need batteries for respiratory equipment, patient lifting, elevator, IV or any other type of device, call MK Battery for our complete Small Sealed brochure.

### Alkaline Batteries

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

### Chargers & Accessories

MK offers a complete line of charging and testing accessories. Call for a catalog.

Small Sealed General Specifications						
Model	Voltage	Amp Hour (20 hrs.)*	Weight Lbs. (Kgs.)	Length In. (mm)	Width In. (mm)	Height In. (mm)
4-6	6	4.0	2.0 (0.9)	2.76 (70)	1.85 (47)	4.18 (106)
10-6	6	10.0	4.2 (1.9)	5.95 (151)	1.97 (50)	3.94 (100)
1.2-12	12	1.2	1.2 (0.5)	3.82 (97)	1.77 (45)	2.32 (59)
3-12	12	3.0	2.6 (1.2)	5.28 (134)	2.63 (67)	2.40 (61)
4-12	12	4.0	3.8 (1.7)	3.54 (90)	2.76 (70)	4.18 (106)
7-12	12	7.0	5.5 (2.5)	5.95 (151)	2.56 (65)	3.86 (98)



# Products, Service, Commitment... ...For The Mobility Community.

MK Battery is one of the largest specialty sealed, deep-cycle battery manufacturers and distributors in North America. 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.

## PRODUCTS:

MK Battery distributes the highest quality batteries available. Extended cycle life and high capacity sealed batteries are MK's hallmark. This means greater service time and performance for your customers. Not only do we continually test our batteries, we carefully evaluate other manufacturers' products to ensure you the most effective technology to meet your unique requirements.

## SERVICE:

MK ships and delivers fresh inventory from multiple locations throughout North America and ships worldwide through a distributor network. We also guarantee our customers that all of their spent batteries are delivered to E.P.A. permitted smelters exclusively.

## COMMITMENT:

Educational literature. Training videos. Lobbying information for reimbursement. 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 ANS/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 the greatest value in power.



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## The HME Battery Specialists