



TRAFFIC SERIES AGM

- Epoxy-sealed posts eliminate leaks
- Pure lead, low calcium, high tin positive grids
- Puncture resistant micro-porous glass mat separators extend life
- Individual plate formation (IPF™) optimize cell voltage balance and performance
- Reinforced standard polypropylene case and cover resists bulging and meets safety requirements
- Low pressure, self-sealing valve maximizes gas recombination efficiency and minimizes gassing
- Computer-aided design and manufacturing ensure quality products through control of process and standards
- Case and cover heat sealed and 100% tested to prevent leaks
- Float Voltage: 2.25 volts per cell \pm 0.1 VPC @ 77°F (25°C)
- Design life 10 years @ 77°F / 25°C (full float)
- All batteries meet or exceed IEEE-485 capacity requirements at shipment
- Designed to function properly when mounted on side
- Successfully deployed in field since 2001

Discharge Ratings in Watts Per Battery To 1.75 VPC at 77°F (25°C)

1 hour	2 hour	3 hour	4 hour	5 hour	6 hour
361	210	150	118	99	85

Made in the U.S.A. by East Penn Manufacturing

Distributed by: **MK Battery**
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DATA SHEET FOR PART NUMBER: 45HR2000S-MK



Specifications

Battery	DIMENSIONS			
	Length	Width	Height	Weight
45HR2000S-MK	8.84 (225)	5.31 (135)	8.26 (210)	40 (18)

Chart contains dimensions in inches over millimeters and pounds over kilograms.

CAPACITY: 48 Ah @ 20 hr rate to 1.75 VPC @ 77°F
 Watts per cell @ 60 minutes = 60 to 1.75 VPC @ 77°F

GROUP SIZE: 45

OPERATING TEMPERATURE RANGE:

-40°TO 140°F (-40°C to 60°C)

Caltrans BBS temperature clause will be supported.

*Temperature and battery age effect runtime.

STANDARD WARRANTY: 2 year full replacement

*See warranty sheet for details.

NOMINAL VOLTAGE: 12-Volt

FLOAT CHARGE VOLTAGE: 13.50 @ 77°F (25°C)

EQUALIZE CHARGE VOLTAGE: 13.8

TERMINAL: Molded lead terminal with 1/4 x 20 brass inserts

TORQUE VALUE: 60 inch lbs.

RIPPLE: Limited to 0.5% RMS or 1.5% of the float voltage

