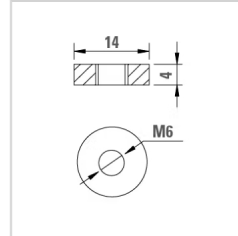
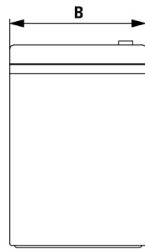
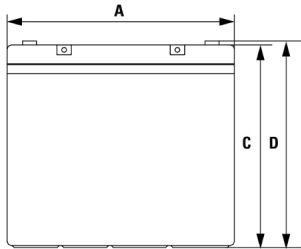


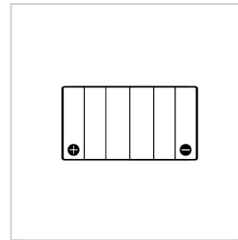
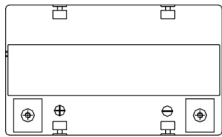


AGM Mobile Deep Cycle Battery

Discover® VRLA AGM Mobile Deep Cycle batteries are built for mobile applications that undergo frequent vibration and require large power demands such as RV, Caravan, Marine and Home Medical Equipment. The batteries are safe, nonspillable, maintenance-free and are trusted by boat and recreational vehicle owners.



TERMINAL



LAYOUT

MECHANICAL SPECIFICATIONS

Length A (in/mm)	9	229
Width B (in/mm)	5.4	138
Height C (in/mm)	8.2	208
Total Height D (in/mm)	8.3	212
Weight (lbs/kgs)	39	18
Terminal *	F11M6	
Technology	AGM, VRLA	

NOTE 1: Dimensions have a ±2 mm (0.08 in) tolerance. Weights may vary.
NOTE 2: Refer to terminal guide on website for torque values.

ELECTRICAL SPECIFICATIONS

Voltage (V)	12
Internal Resistance (mΩ)	8
Short Circuit (A) (20°C / 68°F)	1500
Self-Discharge (20°C / 68°F)	2-3% per month
Charge Temperature	Min: -10°C (14°F) Max: 50°C (122°F)
Discharge Temperature	Min: -40°C (-40°F) Max: 50°C (122°F)
Storage Temperature	-20°C (-4°F) to 60°C (140°F)

NOTE 3: Extra considerations must be given when designing systems for use at maximum temperatures.
NOTE 4: Internal Resistance is approximate.

PERFORMANCE SPECIFICATIONS

Amp Hours (AH)		
5 HR	10 HR	20 HR
48	58	60

Capacities: 1.75VPC at 30°C/86°F

Minutes of Discharge		Cranking Amps
CA (0°C/32°F)	CCA (-18°C/0°F)	

FEATURES

ENHANCED ALLOYS

- Thick plates with graphite enhanced alloys deliver maximum runtime over operational life

AUTOMATED THROUGH-THE-PARTITION WELD

- Improved intercell weld consistency, and less lead waste than manual welding process
- Supports higher current loads and lowers internal resistance

POLYPROPYLENE CASE

- High heat resistance and durability (key industry models)
- High pressure relief valves reduce water loss and extend life
- Integrated flame arrestors prevent fire and explosion

BENEFITS

ENHANCED RUNTIME

- Consistent amp hour capacity over lifetime
- High operational voltage over lifetime

EXTENDED SERVICE LIFE

- Low self-discharge rates prolongs shelf life
- 99% gas recombination extends life
- Long life superior to general purpose cyclic batteries

EXTREME TEMPERATURES

- Wide ambient operating temperature
- Low temperature operation superior to FLA / Gel batteries

RELIABLE AND SAFE

- Valve Regulated Lead-Acid, AGM
- Maintenance-free, nonspillable, no-gassing
- Spark and explosion tested (SAE J1495)

CERTIFIED QUALITY

Discover® manufacturing facilities are fully certified to ISO 9001/14001 and OSHA 18001 standards.

Designed in accordance with and published in compliance with applicable standards, including:

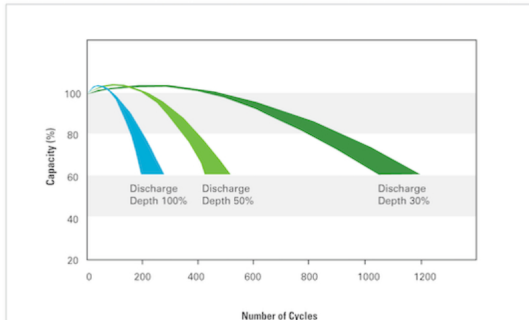
- IEC 60896-21/22
- BS EN 60254-1:2005
- UL, CE Health Safety Certified

SHIPPING CLASSIFICATION

- Classified as a nonspillable battery
- Without restriction for transport by Sea (IMDG amendment 27)
- Without restriction for transport by Air (IATA/ICAO provision 67)
- Without restriction for transport by Ground (STB, DOT-CFR-HMR49)



Cycle Life Characteristics



Temperature Effects on Capacity

