



ATLANTIC BATTERY

ATLANTIC BATTERY COMPANY, INC.

309 Main Street
Watertown, MA 02472

1-617-924-2868

www.atlanticbatterycompany.com

8D-AGM

12V 250 AMP HR

FEATURES:

- Superior performance with Absorbent Glass Mat (AGM) technology
- Safe operation with valve regulated, spill proof construction
- Unrivalled performance of delivered energy of any battery in its class
- UL Certified under file # MH47790
- Rugged impact resistant ABS case and cover
- Ease of movement with integrated ABS carrying handles
- Approved for transport by air. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified



SEALED RECHARGEABLE BATTERY

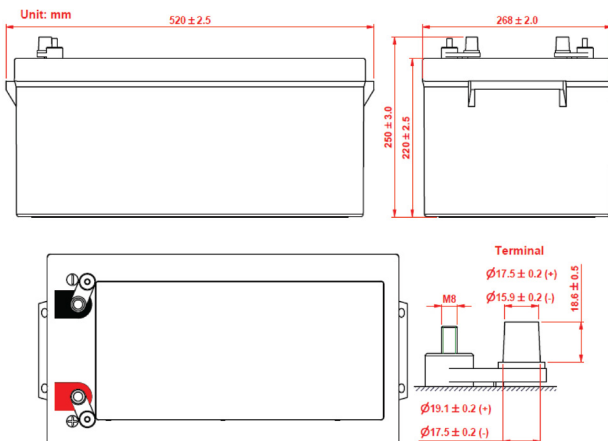


To ensure safe and efficient operations please refer to www.energybattery.com. All specifications subject to change without notice.

TERMINALS (mm):

Car terminal and M8 bolt

Tolerance +/- 0.2mm. All data subject to change without notice.



PHYSICAL DIMENSIONS:

	inches	mm
L:	9.84	250
W:	8.66	220
H:	20.47	520
HT:	10.55	268

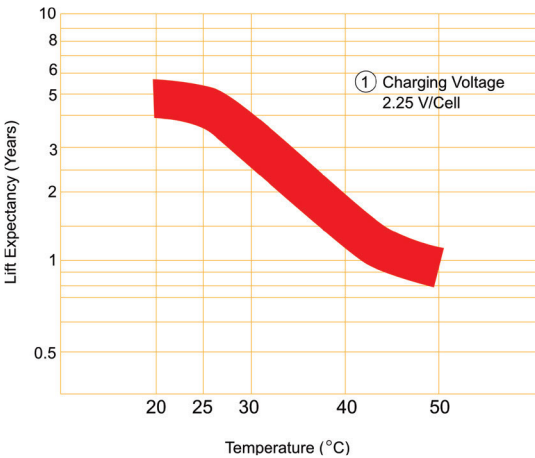
Tolerance +/- 2mm - 3mm. All data subject to change without notice.

PERFORMANCE SPECIFICATIONS:

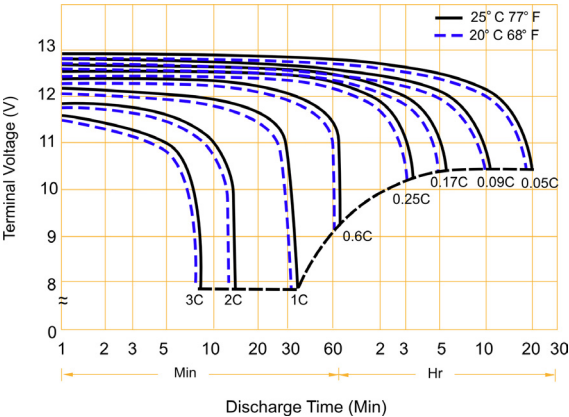
Nominal Voltage 1.75V/cell
Capacity (@20hr-rate to 1.75V per cell @ 77°F (25°C)).....250 Ah
Approximate Weight 156.64 lbs (71.2 kgs)
Internal Resistance (approx.)..... 3 milliohms
Recommended Maximum Charging
Current Limit: 75A
Maximum Discharge Current.....1800A (5sec)
CaseABS Plastic

Capacity Affected by Temperature (at 20 hour rate)
40°C..... 102%
25°C..... 100%
0°C 85%
-15°C 65%
Self-discharge (remaining capacity % at 25°C)
3 Months.....91%
6 Months.....82%
12 Months.....64%

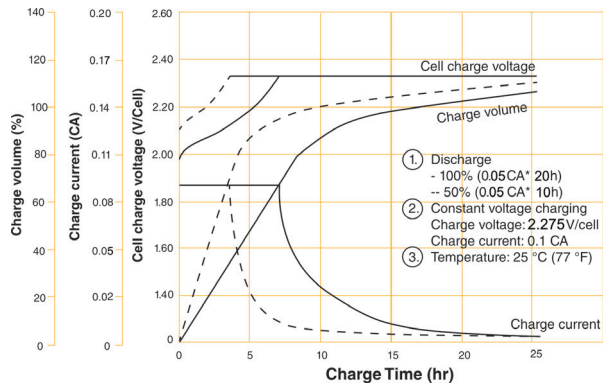
TRICKLE (OR FLOAT) SERVICE LIFE



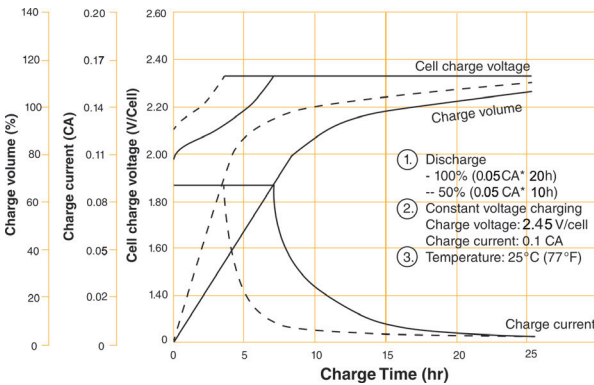
TERMINAL VOLTAGE AND DISCHARGE TIME



BATTERY CHARGING CHARACTERISTICS FOR STANDBY USE



BATTERY CHARGING CHARACTERISTICS FOR CYCLIC USE



BATTERY CHARGE CHARACTERISTICS FOR CYCLE USE & STAND-BY USE

Application	Charge Voltage (V/Cell)			Max. charging current (CA)
	Temperature	Set Point	Allowable Range	
For standby power source	25°C (77°F)	2.275	2.25~2.30	0.3C
For cycle service	25°C (77°F)	2.450	2.40~2.50	0.3C

