



ATLANTIC BATTERY

ATLANTIC BATTERY COMPANY, INC.

309 Main Street

Watertown, MA 02472

1-617-924-2868

www.atlanticbatterycompany.com

AB12750

12V 75 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

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

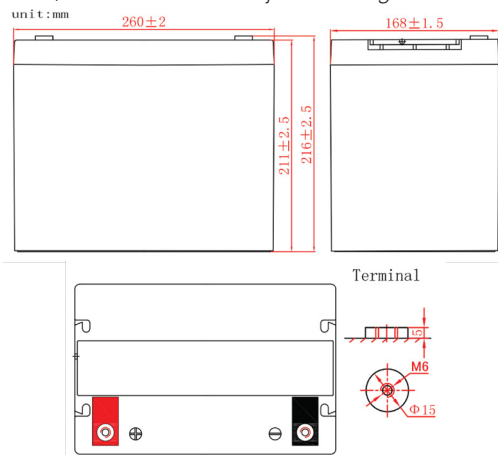
SEALED RECHARGEABLE BATTERY



TERMINALS (mm):

Thread lead alloy recessed terminal to accept M6 bolt

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



PHYSICAL DIMENSIONS:

	inches	mm
L:	10.24	260
W:	6.61	168
H:	8.31	211
HT:	8.5	216

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

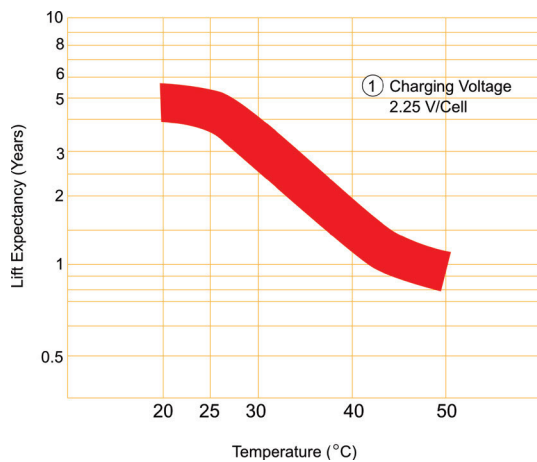
PERFORMANCE SPECIFICATIONS:

Nominal Voltage1.75V/cell
Capacity (@ 20hr-rate to 1.75V per cell @ 77°F (25°C))75 Ah
Approximate Weight47.8 lbs (21.7 kgs)
Internal Resistance (approx.)..... 7 milliohms
Recommended Maximum Charging Current Limit:.....22.5A
Maximum Discharge Current.....700A (5sec)
Case ABS Plastic

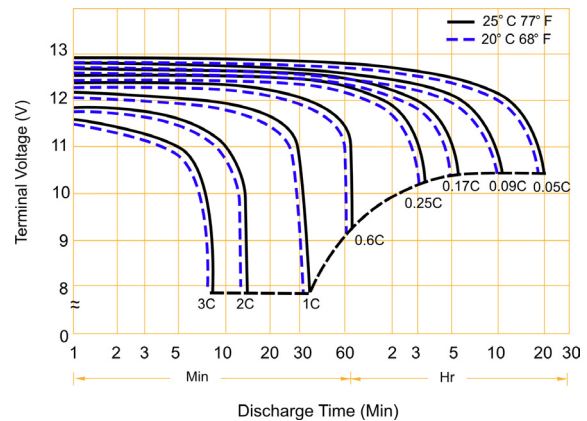
Capacity Affected by Temperature (at 20 hour rate)
 40°C..... 102%
 25°C..... 100%
 0°C 85%
 -15°C 65%

Self-discharge (remaining capacity % at 25°C) 3
 Months.....91%
 6 Months.....82%
 12 Months.....64%

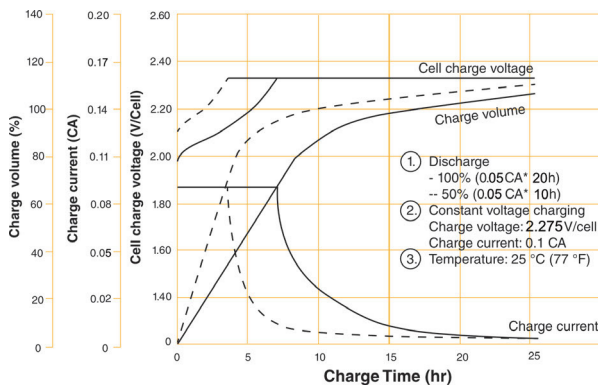
TRICKLE (OR FLOAT) SERVICE LIFE



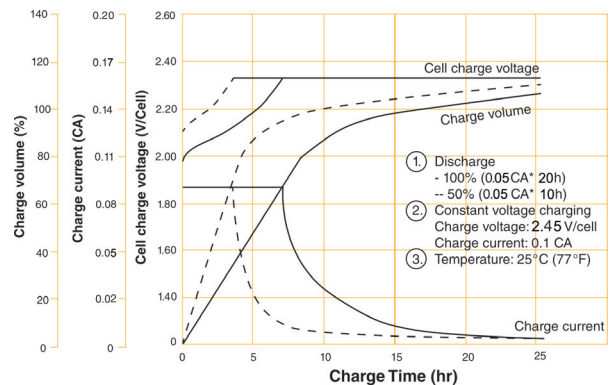
TERMINAL VOLTAGE AND DISCHARGE TIME



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