

# ENERGY POWER



MARKETED BY  
561 Thornton Road, Suite J  
Lithia Springs, GA 30122  
1-888-823-0954

www.energybattery.com

## EP-SLA12-110L

12V 110 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](http://www.energybattery.com). All specifications subject to change without notice.



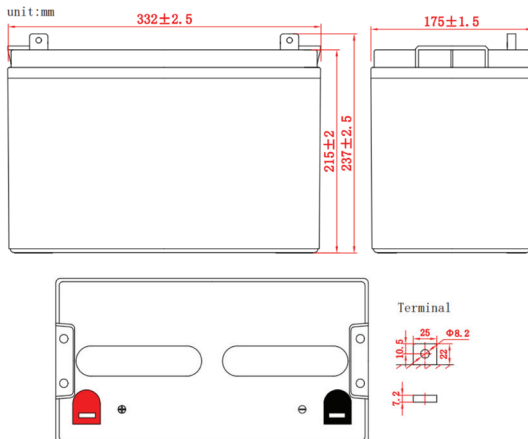
SEALED RECHARGEABLE  
BATTERY



### TERMINALS (mm):

L terminal to accept M8 nut & bolt

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



### PHYSICAL DIMENSIONS:

	inches	mm
L:	13.07	332
W:	6.89	175
H:	8.46	215
HT:	9.33	237

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

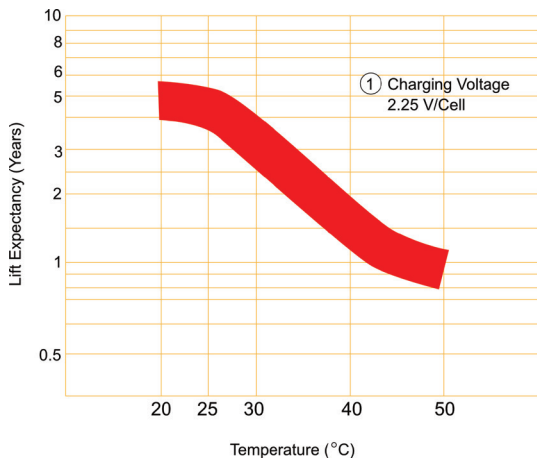
# PERFORMANCE SPECIFICATIONS:

**Nominal Voltage** ..... 1.75V/cell  
**Capacity** (@20hr-rate to 1.75V per cell @ 77°F (25°C)) ..... 110 Ah  
**Approximate Weight** ..... 62.8 lbs (28.5 kgs)  
**Internal Resistance** (approx.) ..... 5.5 milliohms  
**Recommended Maximum Charging Current Limit:** ..... 33A  
**Maximum Discharge Current** ..... 1100A (5sec)  
**Case** ..... ABS Plastic

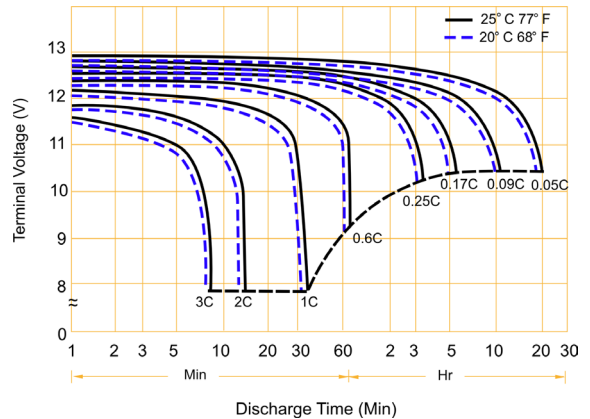
**Capacity Affected by Temperature** (at 20 hour rate)  
 40°C ..... 102%  
 25°C ..... 100%  
 0°C ..... 85%  
 -15°C ..... 65%

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

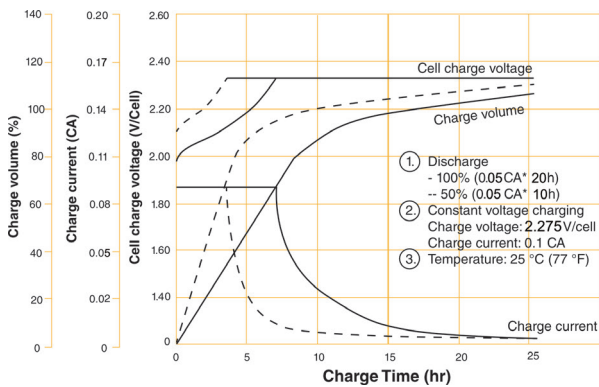
## TRICKLE (OR FLOAT) SERVICE LIFE



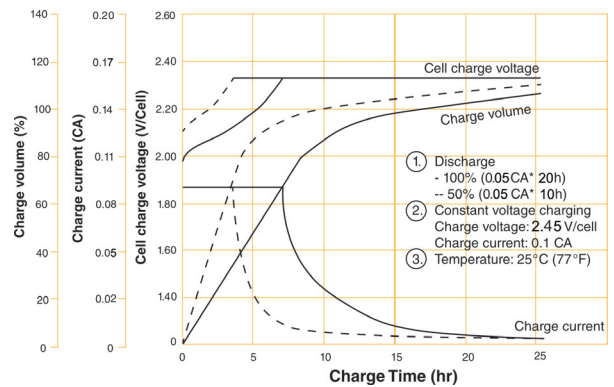
## TERMINAL VOLTAGE AND DISCHARGE TIME



## 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



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