

ENERGY POWER



MARKETED BY

1800 Roswell Road, Suite #2200
Marietta, GA 30062
1-888-823-0954

www.energybattery.com

EP-SLA12-9

12V 9 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.

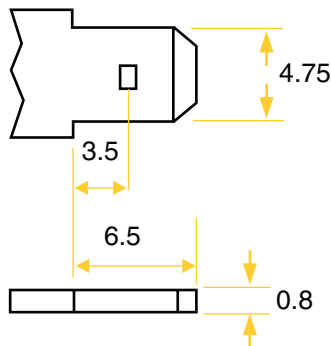


TERMINALS (mm):

T1

T1 (tab no. 1870)

Tolerance +/- 0.1mm. All data subject to change without notice.



PHYSICAL DIMENSIONS:

	inches	mm
L:	5.94	151
W:	2.58	65.5
H:	3.70	94
HT:	3.94	100

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

PERFORMANCE SPECIFICATIONS:

Nominal Voltage 12 volts (6 cells in series)

Nominal Capacity

20-hr. (0.45 A) 9.0 Ah
 10-hr. (0.81 A) 8.10 Ah
 5-hr. (1.56 A) 7.80Ah
 1-hr. (4.9 A) 4.90 Ah

Approximate Weight 5.45 lbs (2.42 kgs)

Internal Resistance (approx.).....30 milliohms

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%

Charge Method (constant voltage at 25°C)

Cycle Use

Initial current less than 2.7 A. Control voltage 14.5 - 14.9 V.

Stand by Use

Initial current less than 1.35 A. Control voltage 13.6 - 13.8 V.

Case ABS Plastic

CHARGING:

Cycle Applications: Limit initial current to 2.70A. Charge until battery voltage (under charge) reaches 14.5 - 14.9 volts at 68°F (20°C). Hold at 14.5 - 14.9 volts until current drops to under 90 mA. Battery is fully charged under these conditions, and charger should be disconnected or switched to “float” voltage.

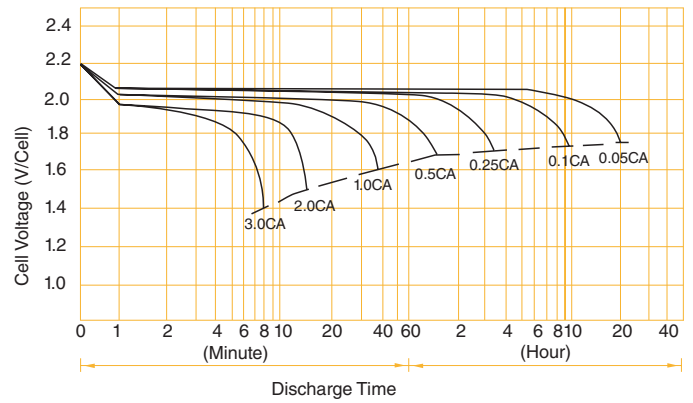
“Float” or “Stand-By” Service: Hold battery across constant voltage source of 13.6 - 13.8 volts continuously. When held at this voltage, the battery will seek its own current level and maintain itself in a fully charged condition.

Note: Due to the self-discharge characteristics of this type of battery, it is imperative that they be charged within 6 months of storage, otherwise per

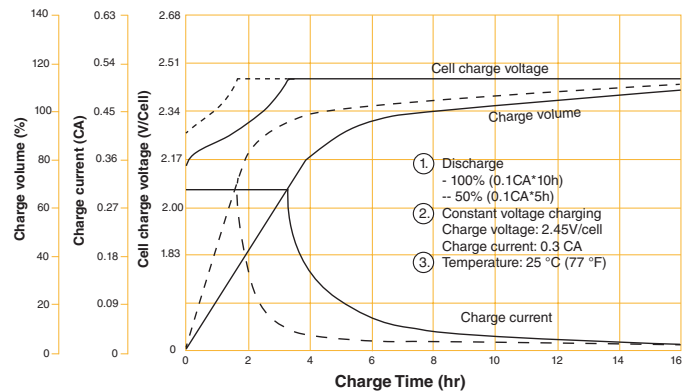
BATTERY CHARGE CHARACTERISTICS FOR CYCLE USE & STAND-BY USE

Application	Charging method	Charge voltage at 25° (V/cell)	Temperature compensation coefficient of charging voltage (mV/°C-cell)	Max. charging current (CA)	Charging time 0.1CA, 25°C(h)		Temp (°C)
					100% DOD	50% DOD	
For standby power source	Constant voltage charging (with current restriction)	2.25~2.30	-3	0.3	24	20	0~40°C (32~104°F)
For cycle service		2.40~2.50	-4	0.3	16	10	

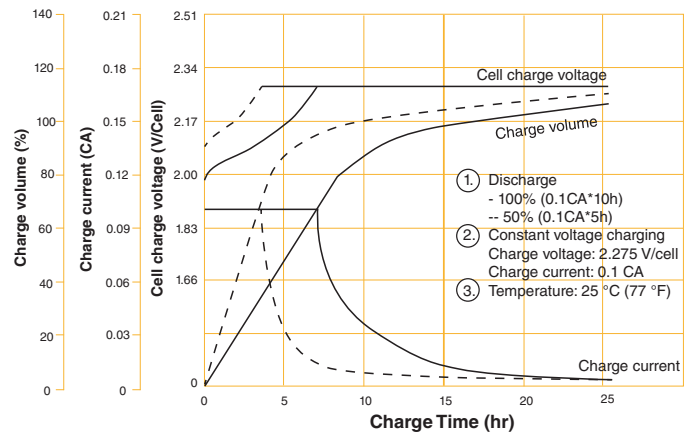
BATTERY DISCHARGE CHARACTERISTICS



BATTERY CHARGING CHARACTERISTICS FOR CYCLIC USE



BATTERY CHARGING CHARACTERISTICS FOR STANDBY USE



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