

E-BATTERY2

Sealed Rechargeable Lead-Acid Battery

FEATURES:

- Absorbent Glass Mat (AGM) technology for superior performance
- Valve regulated, maintenance free spill proof construction
- Power/volume ratio yielding excellent energy density
- Rugged vibration and impact resistant ABS case and cover
- Gas recombination technology

APPROVALS:

- Approved for transport by air. DOT, IATA, FAA and CAB certified
- UL recognized
- ISO9001:2015 – Quality management systems

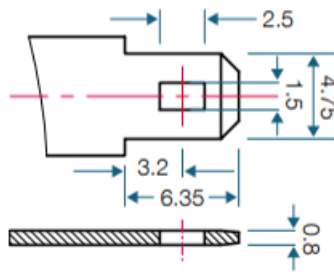
SPECIFICATIONS:

Nominal Voltage	12 volts (6 cells)
Nominal Capacity	
20-hr. (140mA to 10.50 volts)	2.80 AH
10-hr. (250mA to 10.50 volts)	2.50 AH
5-hr. (480mA to 10.20 volts)	2.40 AH
1-hr. (1.7A to 9.00 volts)	1.70 AH
Approximate Weight	2.60 lbs. (1.18 kg)
Internal Resistance (approx.)	60.0 milliohms
Max Short-Duration Discharge Current (10 Sec.)	28.0 amperes
Shelf Life (% of nominal capacity at 68°F (20°C))	
1 Month	97%
3 Month	91%
6 Month	83%
Operating Temperature Range	
Charge	5°F (-15°C) to 122°F (50°C)
Discharge	-4°F (-20°C) to 140°F (60°C)
Case	ABS Plastic



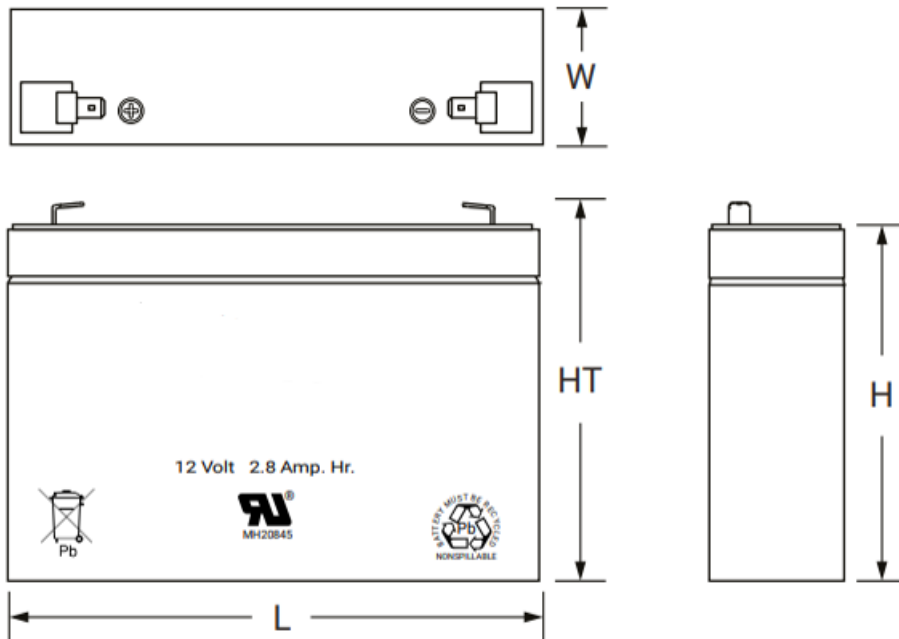
TERMINALS: (mm)

F1: Quick disconnect tabs,
0.187" x 0.032" – Mate with
AMP. INC. FASTON "187" series



Torque – Not Applicable

DIMENSIONS: inch (mm)



L: 5.24 (133) **W:** 1.30 (33) **H:** 3.82 (97) **HT:** 4.09 (104)

Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions.
All data subject to change without notice.

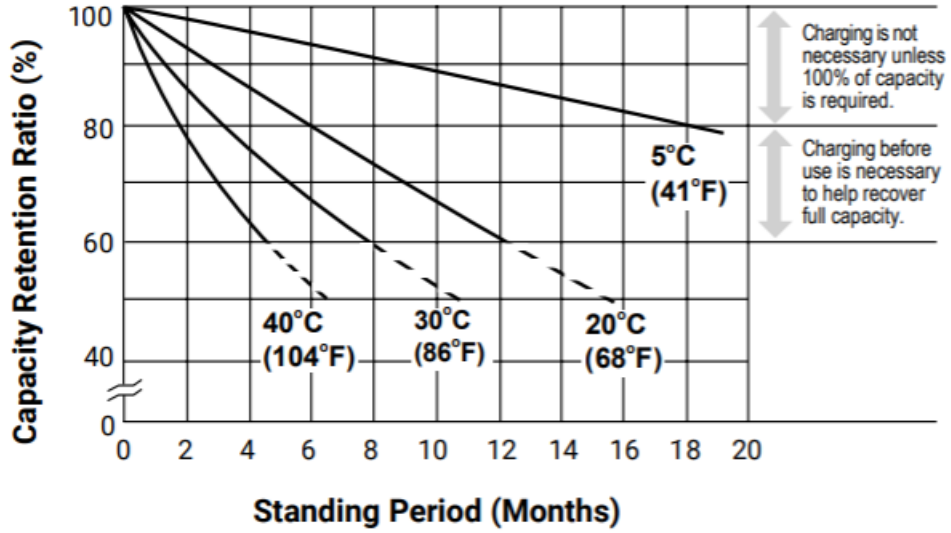
CHARGING:

Cycle Applications: Apply constant voltage charge at 2.35v/c – 2.45v/c (14.1 – 14.7v for 12v Monobloc) at 20°C. Initial charging current should be set at less than 0.25C Amps. Switch to float charge to avoid overcharging.

“Float” or “Stand-By” Service: Apply constant voltage charge of 2.25v/c – 2.30v/c (13.5 to 13.8 volts for 12v Monobloc) at 20°C. When held at this voltage, the battery will seek its own current level and maintain itself in a fully charged condition.

Temperature Compensation: Charging Voltage for both Cyclic and Standby applications should be regulated in relation to ambient temperature. As temperature rises charging voltage should be reduced to prevent overcharge and increased as temperature falls to avoid undercharge. For further charging information including temperature compensation factors, see Power Sonic Technical Manual/ Power Sonic Charger specifications.

SHELF LIFE & STORAGE:



LIFE CHARACTERISTICS IN STAND-BY USE:

