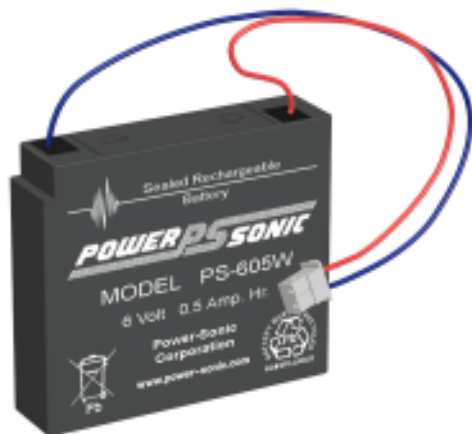




Rechargeable Sealed Lead-Acid Battery

PS-605

6 Volt 0.5 Amp. Hrs.



Features:

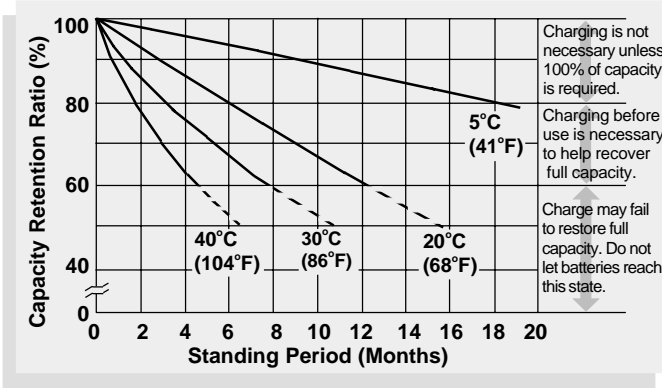
- Absorbent Glass Mat (AGM) technology for superior performance.
- Valve regulated, spill proof construction allows safe operation in any position.
- Power/volume ratio yielding unrivaled energy density.
- Rugged ABS plastic case and cover
- Approved for transport by air. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified.
- U.L. recognized under file number MH 20845.



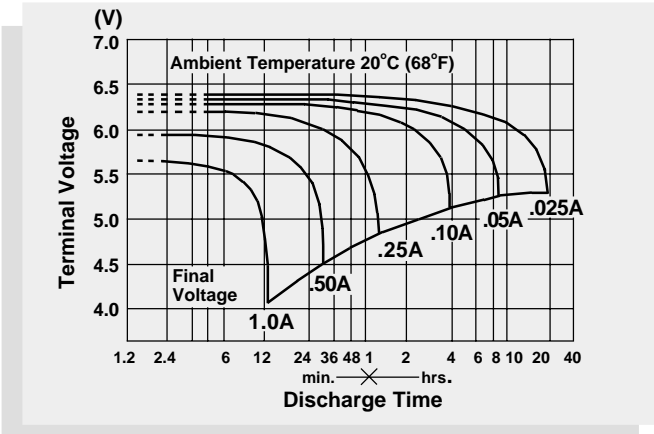
PERFORMANCE SPECIFICATIONS

Nominal Voltage	6 volts (3 cells in series)
Nominal Capacity	
20 hour rate (25mA to 5.25 volts)	0.50 A.H.
10 hour rate (45mA to 5.25 volts)	0.45 A.H.
5 hour rate (80mA to 5.10 volts)	0.40 A.H.
1 hour rate (300mA to 4.50 volts)	0.30 A.H.
Approximate Weight	0.20 pounds (0.09 kg)
Energy Density (20 hour rate)	1.24 Watt-hours/cubic inch (75.2 Watt-hours/l)
Specific Energy (20 hour rate)	15 Watt-hours/pound (33.3 Watt-hours/kg)
Internal Resistance (Fully Charged Battery)	360 milliohms (approximately)
Maximum Discharge Current Using Standard Terminals	1.0 amperes
Terminals	"WL": wire leads with Molex connector 5264-02 housing & 5263-PBT plug
Shelf Life — % of nominal capacity at 68° F (20° C)	
1 Month.....	97%
3 Months.....	91%
6 Months.....	83%
Operating Temperature Range	
Charge	-4°F (-20°C) to 122°F (50°C)
Discharge	-4°F (-20°C) to 140°F (60°C)
Case	ABS Plastic

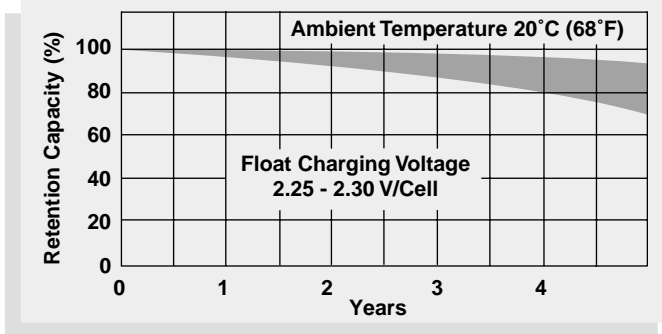
Shelf Life and Storage



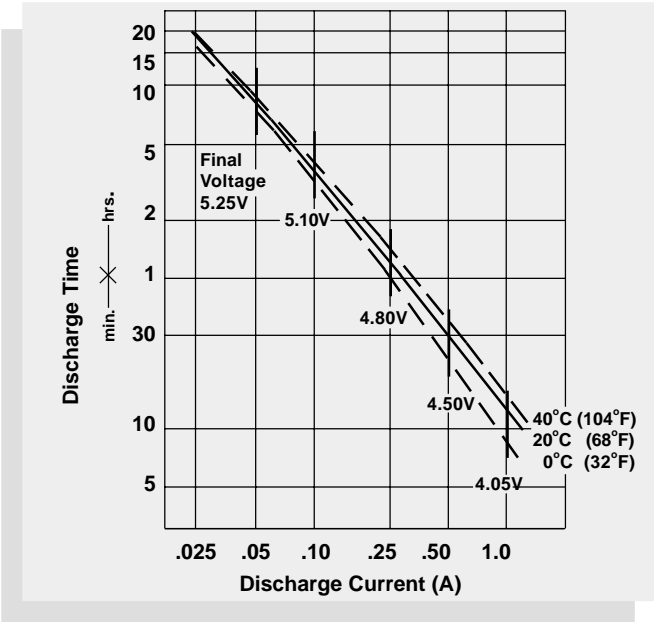
Discharge Characteristics



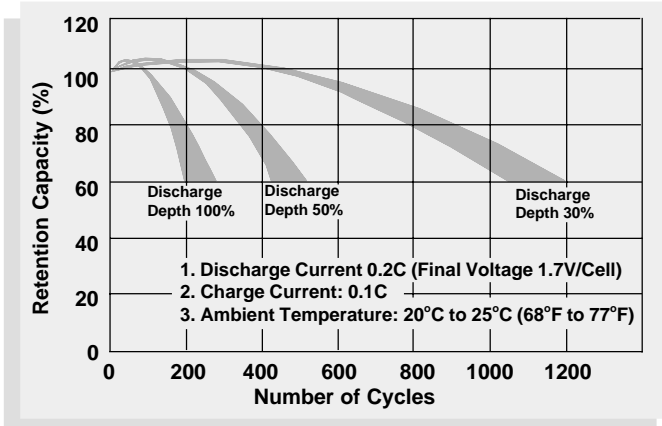
Life Characteristics in Stand-By Use



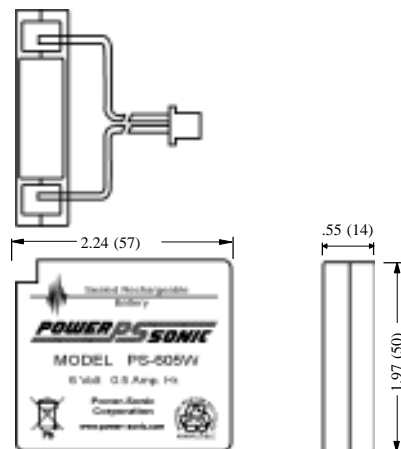
Discharge Time vs. Discharge Current



Life Characteristics in Cyclic Use



Physical Dimensions: in. (mm)



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

CHARGING

Cycle Applications: Limit initial current to 100 mA. Charge until battery voltage (under charge) reaches 7.20 to 7.35 volts at 68°F (20°C). Hold at 7.20 to 7.35 volts until current drops to approximately 5 mA. Battery is fully charged under these conditions, and charger should either be disconnected or switched to "float" voltage.

"Float" or "Stand-By" Service: Hold battery across constant voltage source of 6.75 to 6.90 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 after 6-9 months of storage, otherwise permanent loss of capacity might occur as a result of sulfation.



SALES & MARKETING
 3106 Spring Street
 Redwood City, CA 94063 USA
 Tel: 650-364-5001 Fax: 650-366-3662
 national-sales@power-sonic.com



www.power-sonic.com

ISO9001-2000
 FM39170

CUSTOMER SERVICE
 7550 Panasonic Way
 San Diego, CA 92154 USA
 Tel: 619-661-2030 Fax: 619-661-3648
 customer-service@power-sonic.com