

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



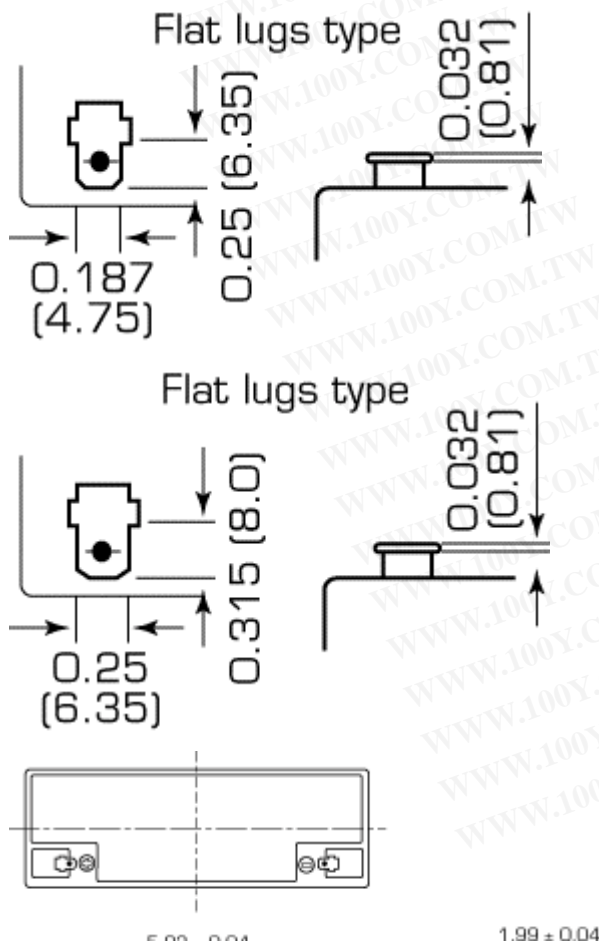
PE6V12

Rechargeable Sealed Lead Acid Battery

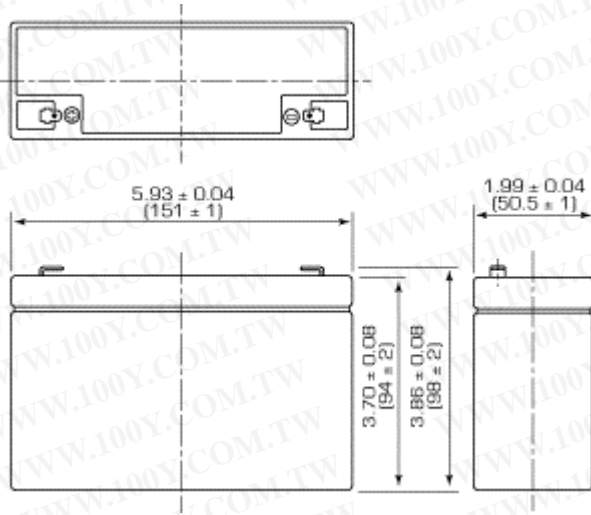
Specifications



Dimensions

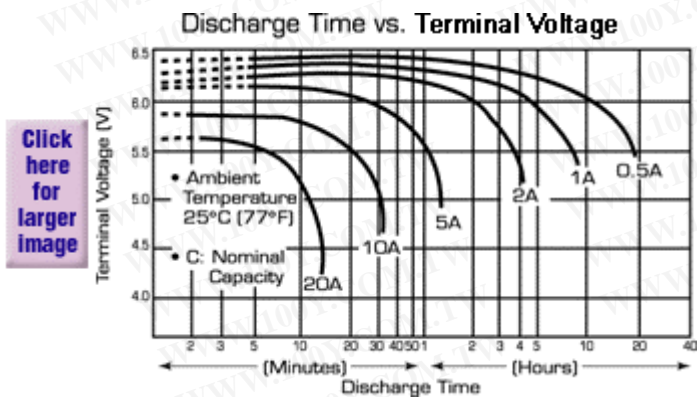


1	Nominal Voltage	6V
2	Nominal Capacity	0.05C (0.50A to 5.25V) 10.00 Ahr 0.1C (1.00A to 5.25V) 9.00 Ahr 0.2C (2.00A to 5.10V) 7.80 Ahr 1C (10.00A to 4.50V) 5.20 Ahr
3	Weight (Approx.)	4.63 lbs. (2.10 kg)
4	Internal Resistance of fully charged battery	10 milliohms
5	Energy Density (0.05C)	1.37 Watt-hours/cubic inch (84.0 Watt-hours/ℓ)
6	Specific Energy (0.05C)	13.0 Watt-hours/pound (28.6 Watt-hours/ℓ)
7	Maximum Discharge Current with standard terminals	60 amperes
8	Maximum Short Duration Discharge Current (less than 5 sec.)	150 amperes
9	Vibration Test	(2000 cycles/minute, 0.10 inch excursion, 2 hours) No loss in capacity or performance



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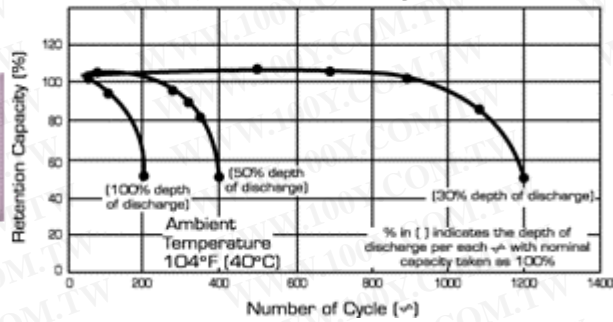
10	Charge Retention (shelf life)	% of nominal capacity at 77°F (25°C) 1 month 97% 3 months 91% 6 months 85%
11	Operating Temperature Range	Charge 32°F (0°C) to 104°F (40°C) Discharge -4°F (-20°C) to 122°F (50°C) Storage -4°F (-20°C) to 104°F (40°C)
12	Case Material	Synthetic resin (ABS)
13	Standard Terminal	F1: AMP Faston type 187
14	Optional Terminal	F2: AMP Faston type 250
CHARGING METHODS CYCLIC USE: Maximum Initial Charge Current: 2.5A Charging Voltage: 7.2V-7.35V Charge should be switched to float mode or disconnected when current drops to 100mA STANDBY USE: Maximum Initial Charge Current: 2.5A Charge Voltage: 6.75V-6.9V		



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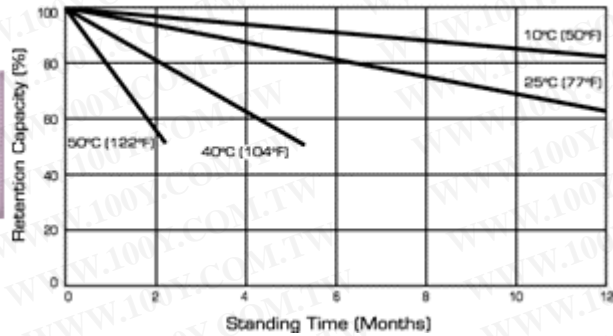
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Life Characteristics of Cyclic Use



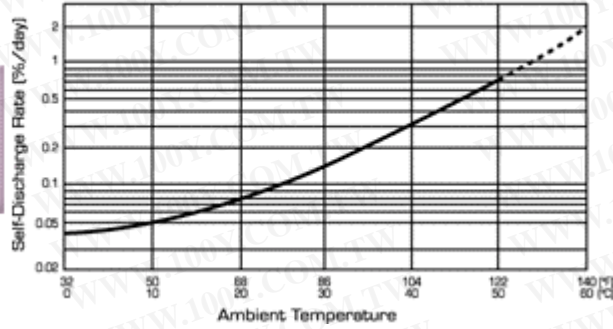
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Shelf Life Characteristics



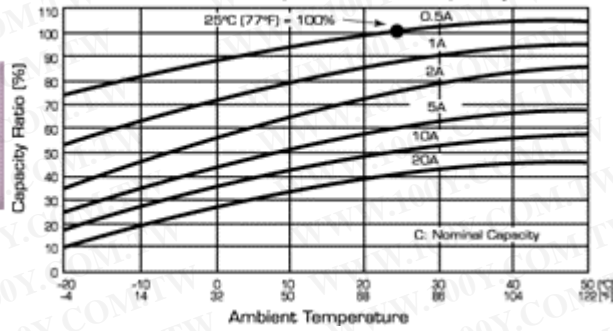
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Effect of Temperature on Self-Discharge Rate



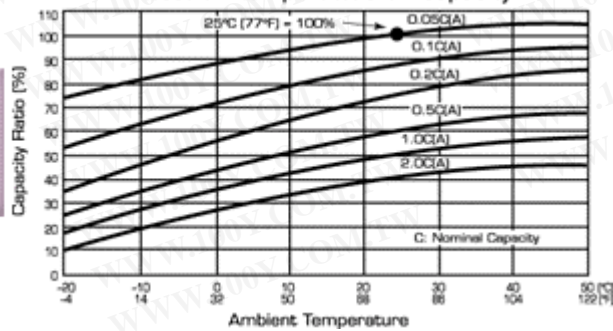
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Effect on Temperature on Capacity



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Effect on Temperature on Capacity

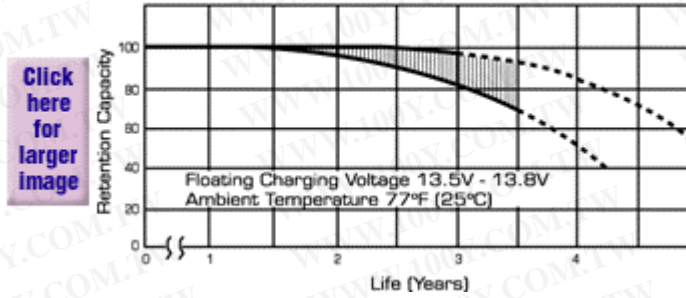


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Life Characteristics of Standby Use



Discharge Time vs Discharge Current

