



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)

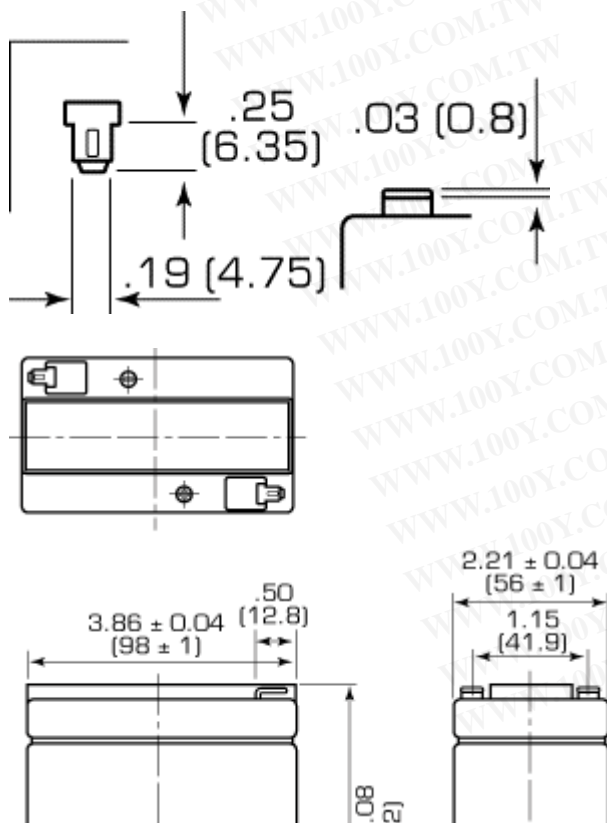
PE6V8

Rechargeable Sealed Lead Acid Battery

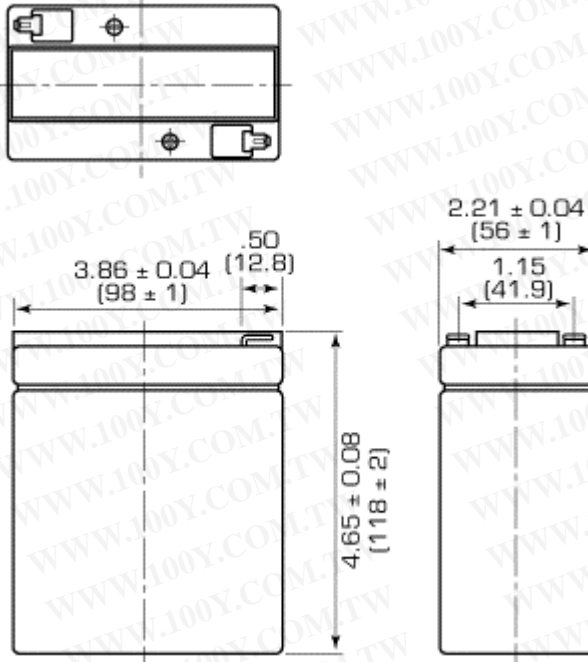
Specifications



Dimensions



1	Nominal Voltage	6V
2	Nominal Capacity	0.05C (0.40A to 5.25V) 8.00 AHr 0.1C (0.80A to 5.25V) 7.20 AHr 0.2C (1.60A to 5.10V) 5.24 AHr 1C (6.00A to 4.50V) 4.16 AHr
3	Weight (Approx.)	3.41 lbs. (1.52 kg)
4	Internal Resistance of fully charged battery	13 milliohms
5	Energy Density (0.05C)	1.19 Watt-hours/cubic inch (72.9 Watt-hours/ℓ)
6	Specific Energy (0.05C)	14.0 Watt-hours/pound (31.0 Watt-hours/ℓ)
7	Maximum Discharge Current with standard terminals	48 amperes
8	Maximum Short Duration Discharge Current (less than 5 sec.)	120 amperes
9	Vibration Test	(2000 cycles/minute, 0.10 inch excursion, 2 hours) No loss in capacity or performance



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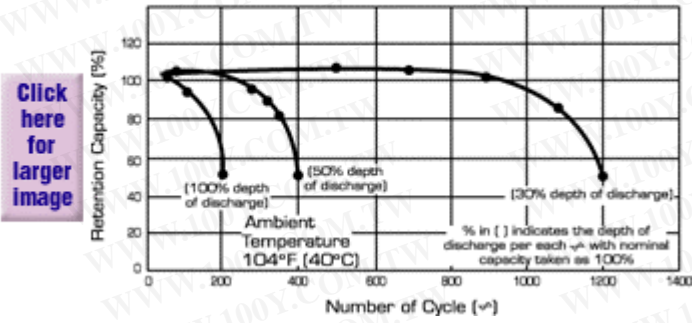
10	Charge Retention (shelf life)	% of nominal capacity at 77°F (25°C) 1 month 97% 3 months 91% 6 months 85%
11	Operating Temperature Range	Charge 32°F (0°C) to 104°F (40°C) Discharge -4°F (-20°C) to 122°F (50°C) Storage -4°F (-20°C) to 104°F (40°C)
12	Case Material	Synthetic resin (ABS)
13	Standard Terminal	F1: AMP Faston type 187

CHARGING METHODS

CYCLIC USE:
 Maximum Initial Charge Current: 1.75A
 Charging Voltage: 7.2V-7.35V
 Charge should be switched to float mode or disconnected when current drops to 70mA

STANDBY USE:
 Maximum Initial Charge Current: 1.75A
 Charge Voltage: 6.75V-6.9V

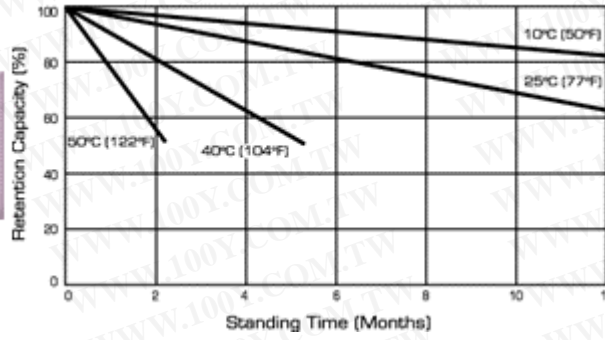
Life Characteristics of Cyclic Use



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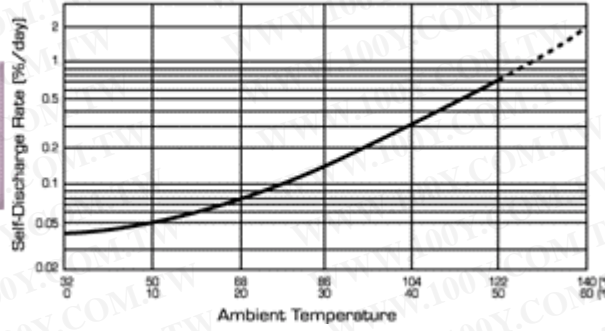
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Shelf Life Characteristics



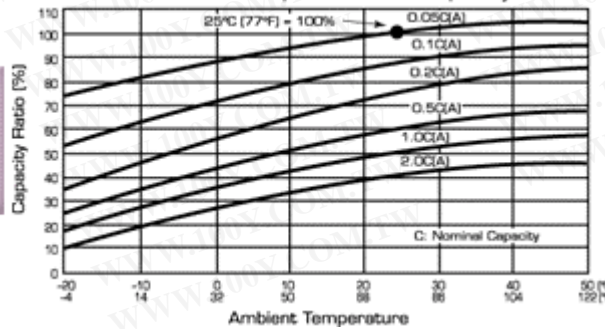
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Effect of Temperature on Self-Discharge Rate



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Effect on Temperature on Capacity



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