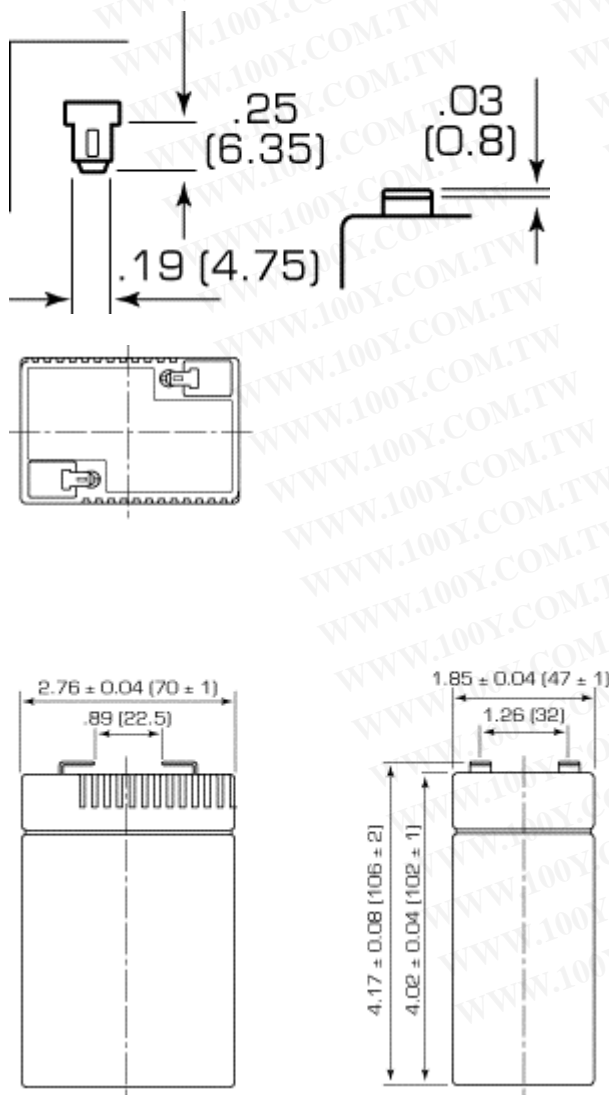


勝特力材料 886-3-5753170  
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## PE6V4.5



## Dimensions



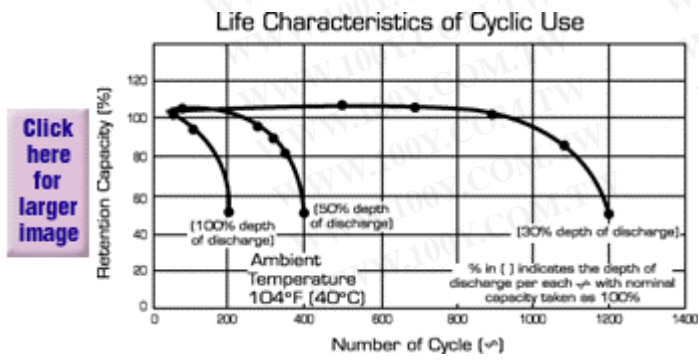
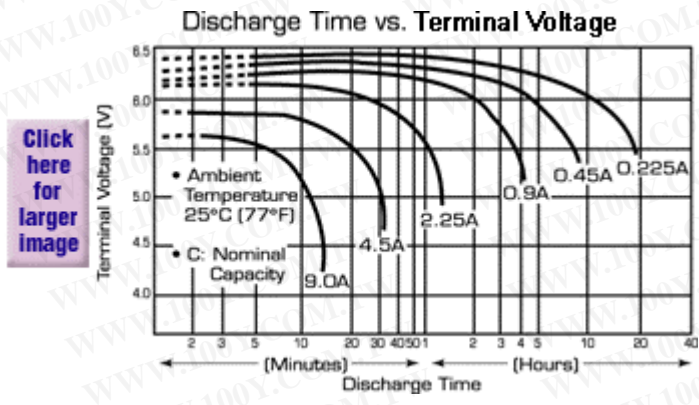
## Rechargeable Sealed Lead Acid Battery

### Specifications

1	Nominal Voltage	6V
2	Nominal Capacity	0.05C (0.225A to 5.25V) 4.50 AHr 0.1C (0.45A to 5.25V) 4.05 AHr 0.2C (0.90A to 5.10V) 3.51 AHr 1C (4.50A to 4.50V) 2.34 AHr
3	Weight (Approx.)	1.96 lbs. (0.89 kg)
4	Internal Resistance of fully charged battery	60 milliohms
5	Energy Density (0.05C)	1.32 Watt-hours/cubic inch (80.5 Watt-hours/l)
6	Specific Energy (0.05C)	13.8 Watt-hours/pound (30.3 Watt-hours/l)
7	Maximum Discharge Current with standard terminals	27 amperes
8	Maximum Short Duration Discharge Current (less than 5 sec.)	67.5 amperes
9	Vibration Test	(2000 cycles/minute, 0.10 inch excursion, 2 hours) No loss in capacity or performance
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)

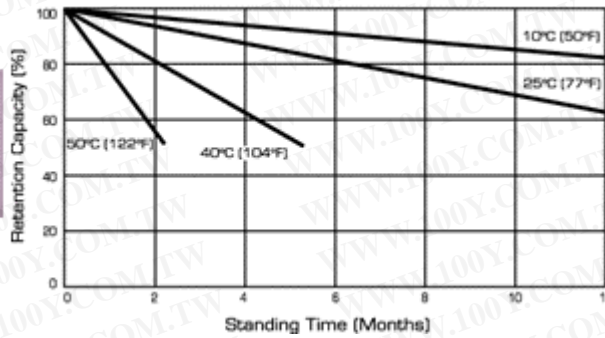
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12	Case Material	Synthetic resin (ABS)
13	Standard Terminal	F1
<b>CHARGING METHODS</b>  <b>CYCLIC USE:</b> Maximum Initial Charge Current: 1.125A Charging Voltage: 7.2V-7.35V Charge should be switched to float mode or disconnected when current drops to 70mA  <b>STANDBY USE:</b> Maximum Initial Charge Current: 1.125A Charge Voltage: 6.75V-6.9V		



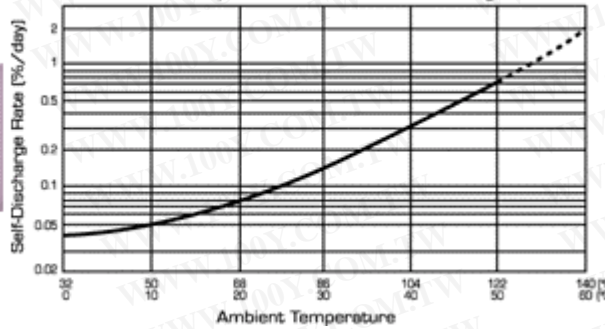
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Shelf Life Characteristics



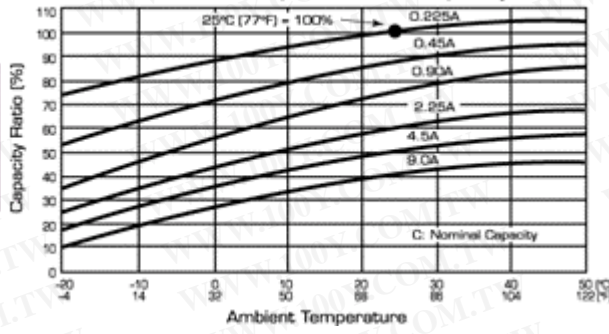
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Effect of Temperature on Self-Discharge Rate



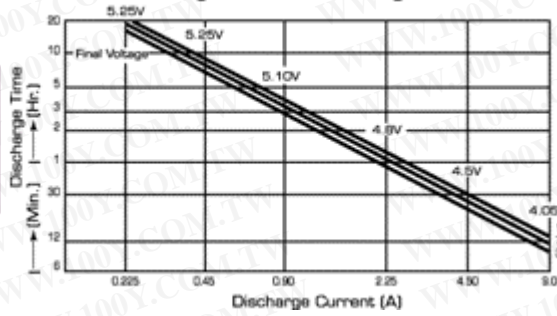
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Effect on Temperature on Capacity



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Discharge Time vs Discharge Current



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