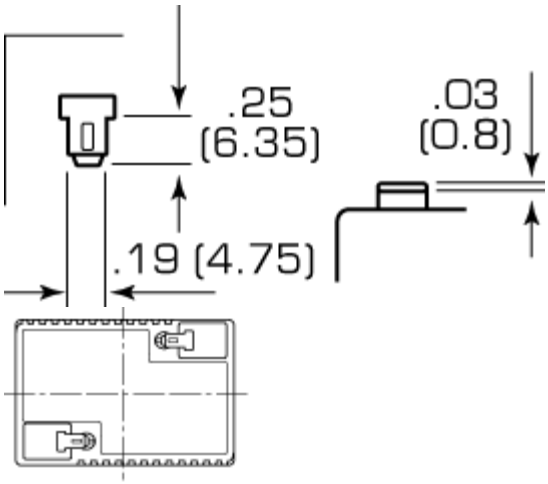
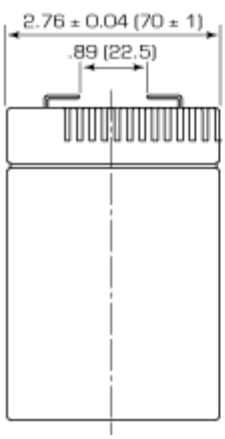
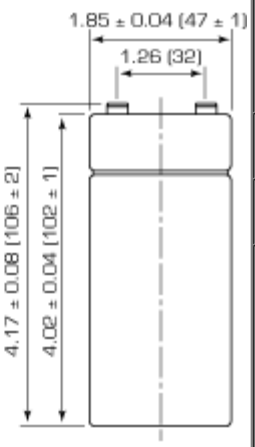
PE6V4.5

Rechargeable Sealed Lead Acid Battery

Dimensions







Specifications

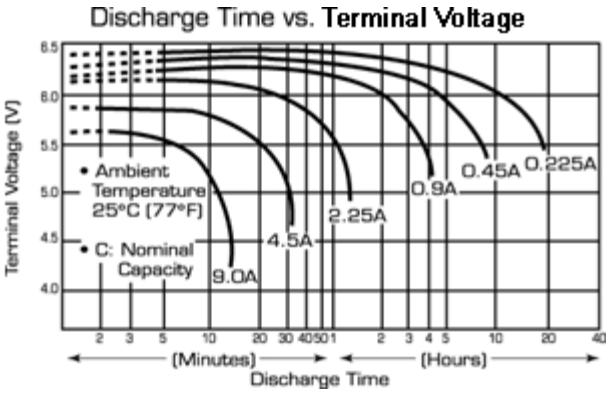
1	**Nominal Voltage**	6V
2	**Nominal Capacity**	0.05C (0.225A to 5.25V) 4.50 AHr 0.1C (0.45A to 5.25V) 4.05 AHr 0.2C (0.90A to 5.10V) 3.51 AHr 1C (4.50A to 4.50V) 2.34 AHr
3	**Weight (Approx.)**	1.96 lbs. (0.89 kg)
4	**Internal Resistance of fully charged battery**	60 milliohms
5	**Energy Density (0.05C)**	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 77ºF (25ºC) 1 month 97% 3 months 91% 6 months 85%
11	**Operating Temperature Range**	Charge 32ºF (0ºC) to 104ºF (40ºC) Discharge —4ºF (—20ºC) to 122ºF (50ºC) Storage —4ºF (—20ºC) to 104ºF (40ºC)
12	**Case Material**	Synthetic resin (ABS)
13	**Standard Terminal**	F1

CHARGING METHODS

CYCLIC USE:
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

STANDBY USE:
Maximum Initial Charge Current: 1.125A
Charge Voltage: 6.75V-6.9V

Click here for larger image



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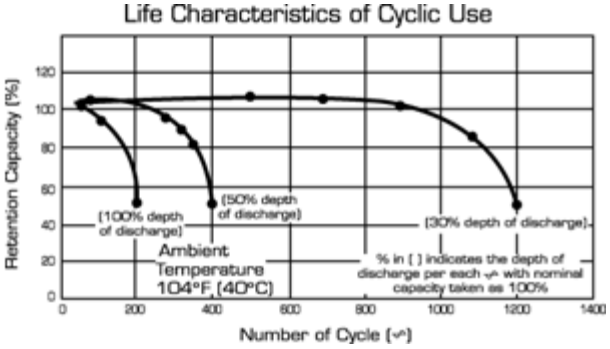

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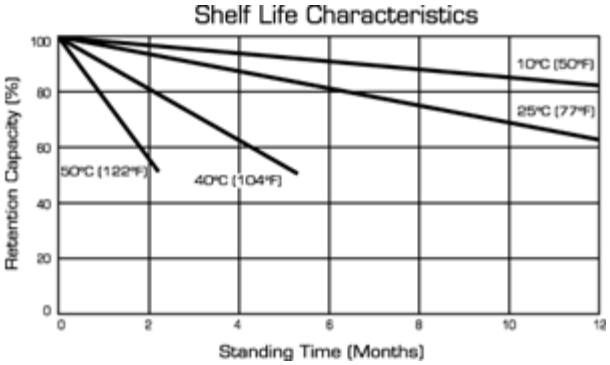

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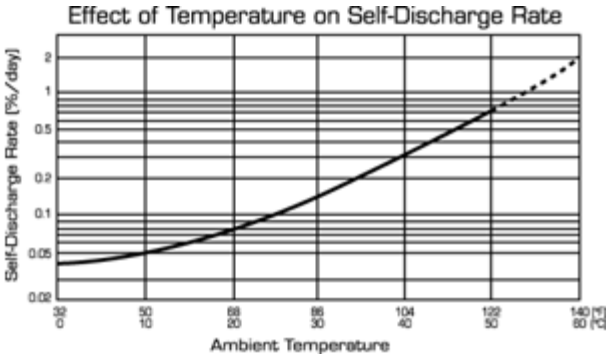

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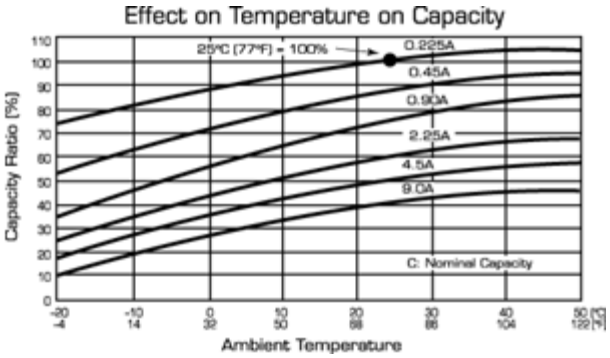

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