

GENERAL INFORMATION

6 V 7.2 Ah is a general purpose battery with 3 to 5 years in standby service or more than 400 cycles at 50 % depth of discharge in cycle service.

57336 - 6 V 7.2 Ah

SPECIFICATIONS

Nominal Voltage:	6 V
Nominal Capacity (20 hrs):	7.2 Ah
Dimensions	
Total Height:	100 mm (3 ^{15/16} in.)
Container Height:	94 mm (3 ^{11/16} in.)
Length:	150 mm (5 ^{29/32} in.)
Width:	34 mm (1 ^{11/32} in.)
Weight:	Approx 1.12 Kg (2.45 lbs)
Container Material:	UL94HB ABS UL94V-0 ABS
Internal Resistance (25 °C, 77 °F):	~16 m Ω
Discharge Capacity Under Different Temperatures	
40 °C:	~102 %
25 °C:	~100 %
0 °C:	~85 %

CHARACTERISTICS

Capacity 25 °C / 77 °C

20 hrs @ 0.36 A:	7.2 Ah
5 hrs @ 1.15 A:	5.76 Ah
1 hrs @ 4.32 A:	4.32 Ah
1 C @ 7.2 A:	3.6 Ah

Charging Voltage (25 °C, 77 °F)

Standby Use:	6.825 V ± 0.075 V
Cycle Use:	7.35 V ± 0.15 V

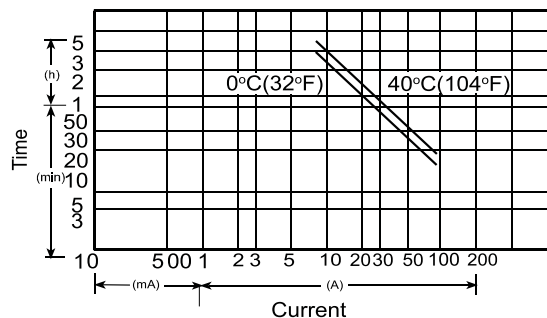
Max Discharge Current: 90 A (5 sec)

Max Charging Current: 2.16 A

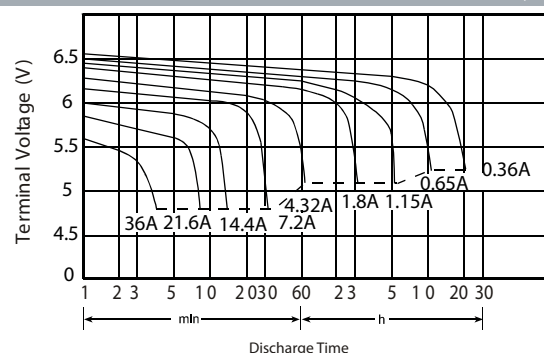
Self-Discharge Residual Capacity (25 °C, 77 °F)

After 3 Months:	~90 %
After 6 Months:	~82 %
After 12 Months:	~70 %

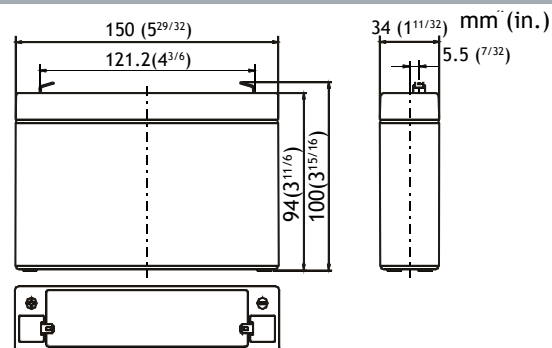
DISCHARGE CURRENT VS TIME



DISCHARGE CHARACTERISTICS 25 °C (77 °F)

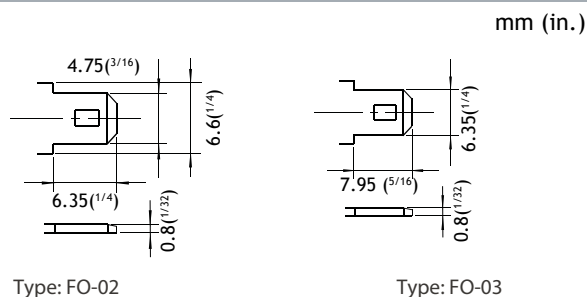


DIMENSIONS



Tolerances are +/-1/32 in. (+/-1mm) and +/-3/32 in. (+/-2mm) for height dimensions.

TERMINAL



Type: FO-02

Type: FO-03



Data is based upon tests performed in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.