

## GENERAL INFORMATION

6 V 5 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.

## 57338 - 6 V 5 Ah

## SPECIFICATIONS

Nominal Voltage:	6 V
Nominal Capacity (20 hrs):	5 Ah
Dimensions	
Total Height:	107 mm (4 <sup>7/32</sup> in.)
Container Height:	101 mm (3 <sup>31/32</sup> in.)
Length:	70 mm (2 <sup>3/4</sup> in.)
Width:	47 mm (1 <sup>27/32</sup> in.)
Weight:	Approx 0.74 Kg (1.65 lbs)
Container Material:	UL94HB ABS UL94V-0 ABS
Internal Resistance (25 °C, 77 °F):	~17 m Ω
Discharge Capacity Under Different Temperatures	
40 °C:	~102 %
25 °C:	~100 %
0 °C:	~85 %

## CHARACTERISTICS

### Capacity 25 °C / 77 °C

20 hrs @ 0.25 A:	5.0 Ah
5 hrs @ 0.8 A:	4.0 Ah
1 hrs @ 3.0 A:	3.0 Ah
1 C @ 5.0 A:	2.5 Ah

### Charging Voltage (25 °C, 77 °F)

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

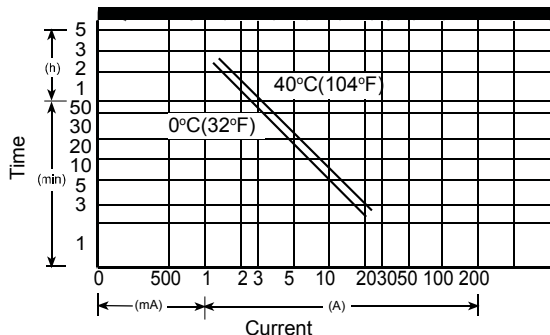
Max Discharge Current: 60 A (5 sec)

Max Charging Current: 1.5 A

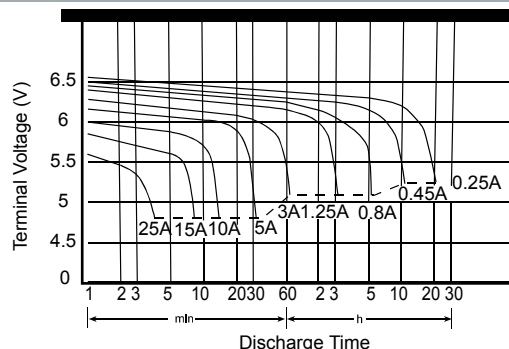
### Self-Discharge Residual Capacity (25 °C, 77 °F)

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

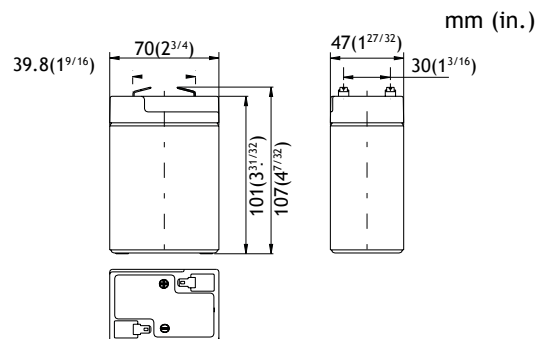
## DISCHARGE CURRENT VS TIME



## DISCHARGE CHARACTERISTICS 25 °C (77 °F)

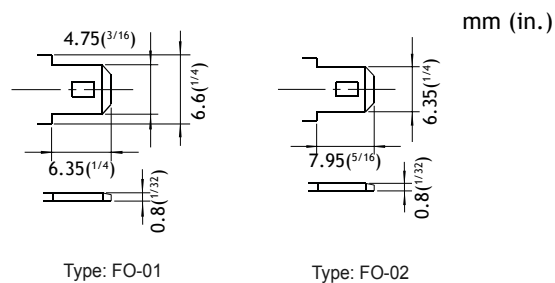


## DIMENSIONS



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

## TERMINAL



Type: FO-01

Type: FO-02



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.

August 28, 2014

