

GENERAL INFORMATION

12 V 12 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.

57804 - 12 V 12 Ah

SPECIFICATIONS

Nominal Voltage:	12 V
Nominal Capacity (20 hrs):	12 Ah
Dimensions	
Total Height:	100 mm (3 ^{15/16} in.)
Container Height:	94 mm (3 ^{11/16} in.)
Length:	151 mm (5 ^{15/16} in.)
Width:	98 mm (3 ^{27/32} in.)
Weight:	Approx 4.06 Kg (8.95 lbs)
Container Material:	UL94HB ABS UL94V-0 ABS
Internal Resistance (25 °C, 77 °F):	-14 m Ω
Discharge Capacity Under Different Temperatures	
40 °C:	-102 %
25 °C:	-100 %
0 °C:	-85 %

CHARACTERISTICS

Capacity 25 °C / 77 °C

20 hrs @ 0.6 A:	12.0 Ah
5 hrs @ 1.92 A:	9.6Ah
1 hrs @ 7.2 A:	7.2 Ah
1 C @ 12 A:	6.0 Ah

Charging Voltage (25 °C, 77 °F)

Standby Use:	13.65 V ± 0.15 V
Cycle Use:	14.7 V ± 0.3 V

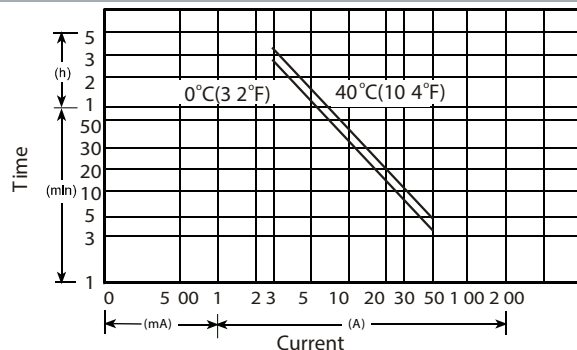
Max Discharge Current: 120 A (5 sec)

Max Charging Current: 3.6 A

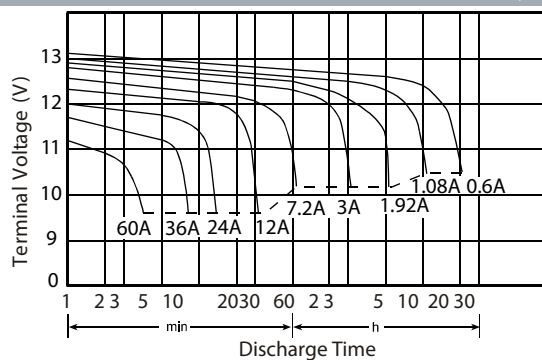
Self-Discharge Residual Capacity (25 °C, 77 °F)

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

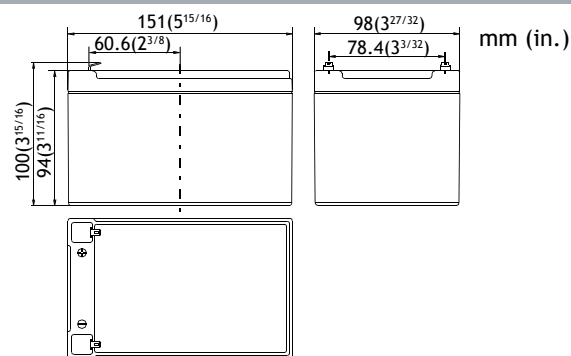
DISCHARGE CURRENT VS TIME



DISCHARGE CHARACTERISTICS 25 °C (77 °F)

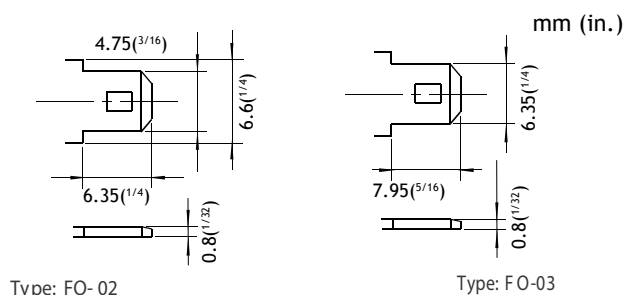


DIMENSIONS



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.