

GENERAL INFORMATION

12 V 32 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.

57341 - 12 V 32 Ah

SPECIFICATIONS

Nominal Voltage:	12 V
Nominal Capacity (20 hrs):	32.0 Ah
Dimensions	
Total Height:	180 mm (7 ^{3/32} in.)
Container Height:	163 mm (6 ^{13/32} in.)
Length:	196 mm (7 ^{23/32} in.)
Width:	130 mm (5 ^{1/8} in.)
Weight:	Approx 10.06 Kg (22.2 lbs)
Container Material:	UL94HB ABS UL94V-0 ABS
Internal Resistance (25 °C, 77 °F):	~9 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:	32 Ah
5 hrs @ 0.8 A:	25.6Ah
1 hrs @ 3.0 A:	19.2 Ah
1 C @ 5.0 A:	16 Ah

Charging Voltage (25 °C, 77 °F)

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

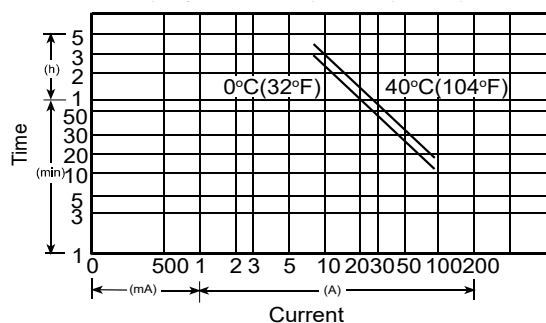
Max Discharge Current: 300 A (5 sec)

Max Charging Current: 9.6 A

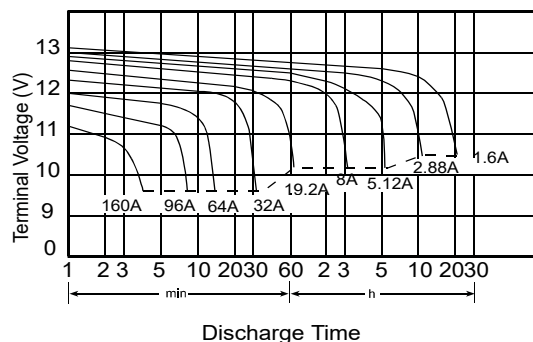
Self-Discharge Residual Capacity (25 °C, 77 °F)

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

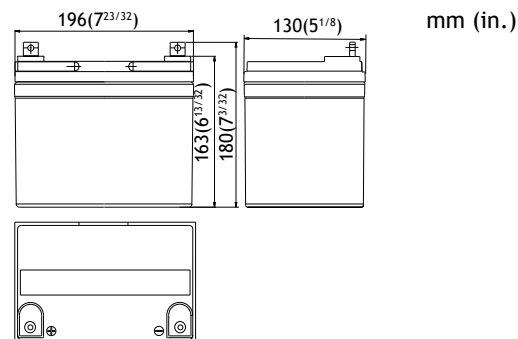
DISCHARGE CURRENT VS TIME



DISCHARGE CHARACTERISTICS 25 °C (77 °F)

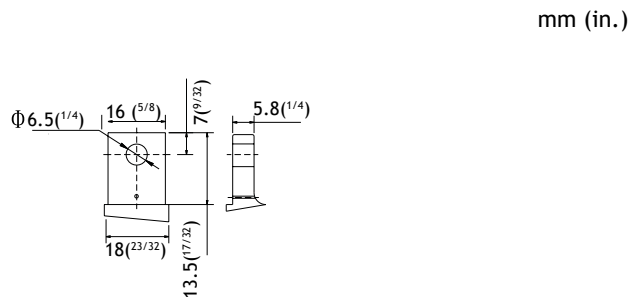


DIMENSIONS



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

TERMINAL



Type:FP-07



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

