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 7/32 in.)
Container Height: 101 mm (3 31/32 in.)
Length: 70 mm (2 3/4 in.)
Width: 47 mm (1 27/32 in.)
Weight: Approx 0.74 Kg (1.65 lbs)

Container Material: UL94HB ABS
UL94V-0 ABS

Internal Resistance (25 °C, 77 °F): ~17 mΩ

Discharge Capacity Under Different Temperatures

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Capacity %</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 °C</td>
<td>~102 %</td>
</tr>
<tr>
<td>25 °C</td>
<td>~100 %</td>
</tr>
<tr>
<td>0 °C</td>
<td>~85 %</td>
</tr>
</tbody>
</table>

Capacity 25 °C / 77 °F

- 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