



Sealed Lead Acid Rechargeable Battery

General Application

6VC1.0 is a high performance battery with 4~6 years in standby service or more than 500 cycles at 50% depth of discharge in cycle service.

Unit Specification

• NOMINAL VOLTAGE	: 6 V
• NOMINAL CAPACITY(20 hr)	: 1.0 Ah
• DIMENSIONS	
TOTAL HEIGHT	: 58.5mm (2.30 inches)
CONTAINER HEIGHT	: 51.5mm (2.03 inches)
LENGTH	: 51 mm (2.01 inches)
WIDTH	: 42 mm (1.65 inches)
• NET WEIGHT(UNIT)	: APPROX 0.28 Kg (0.62 lbs)
• CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
• INTERNAL RESISTANCE(25°C , 77 °F)	: ~45mΩ
• DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

Characteristics

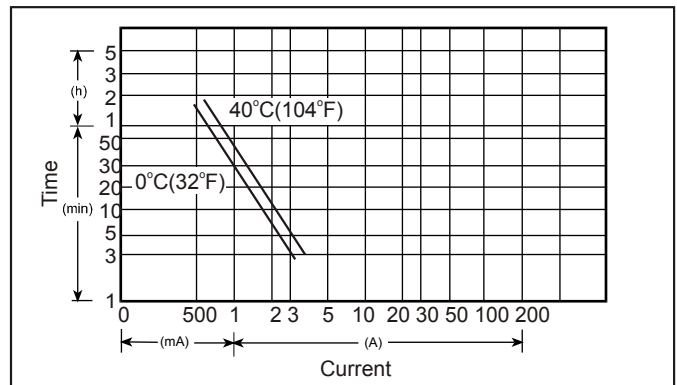
• CAPACITY 25 °C / 77 °F	
20 hr @ 0.05 A	: 1.0 Ah
5 hr @ 0.16 A	: 0.8 Ah
1 hr @ 0.6 A	: 0.6 Ah
1 C @ 1.0 A	: 0.5 Ah
• CHARGING VOLTAGE (25°C , 77 °F)	
STANDBY USE	: 6.825V±0.075 V
CYCLE USE	: 7.35V ± 0.15 V
• MAX DISCHARGE CURRENT	: 20A (5 sec)
• MAX CHARGING CURRENT	: 0.30 A
• SELF-DISCHARGE RESIDUAL CAPACITY(25°C , 77 °F)	
AFTER 3 MONTHS	: ~90%
AFTER 6 MONTHS	: ~82%
AFTER 12 MONTHS	: ~70%

Packaging and Weights

• CASE LOT SIZE	: 40Pcs
• NET WEIGHT(UNIT)	: 0.28Kg (0.62lbs)
• GROSS WEIGHT(CASE SIZE)	: 12.40Kg (27.34lbs)

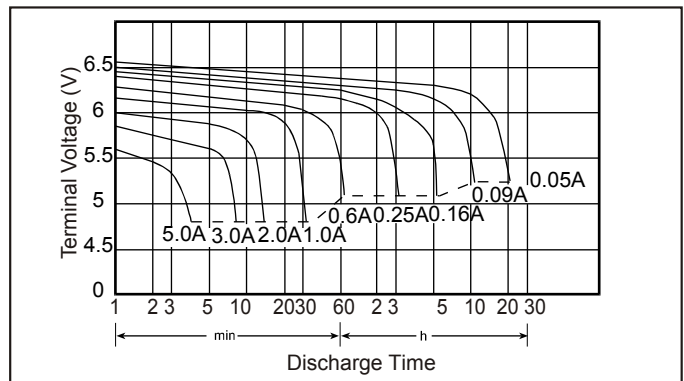
6VC1.0 6V1.0Ah

Discharge Current vs Time

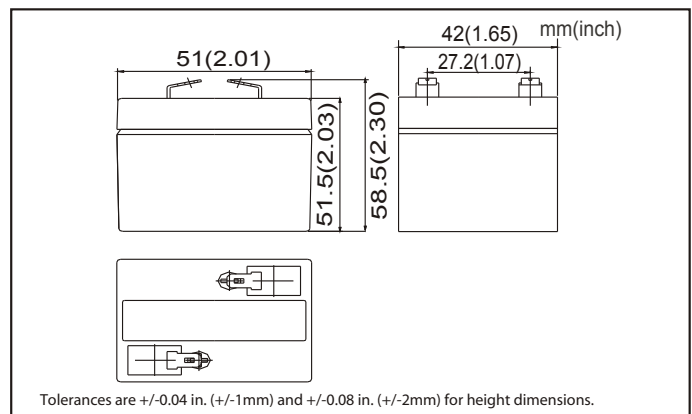


Discharge Characteristics

@25°C (77°F)



Dimensions



Terminal

