Sealed Lead Acid Rechargeable Battery

Wuhan V-cell Energy Technology Co., Ltd.

6VC12T 6V12.0Ah

General Application

6VC12T is a general purpose battery with 3~5 years in standby service or more than 400 cycles at 50% depth of discharge in cycle service.

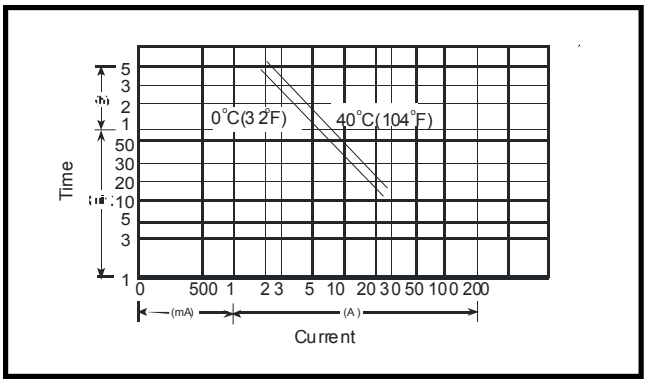
Specification

NOMINAL VOLTAGE	: 6 V
NOMINAL CAPACITY (20 hrs)	: 12Ah
DIMENSIONS	
TOTAL HEIGHT	: 140 mm (5.51 inches)
CONTAINER HEIGHT	: 140 mm (5.51 inches)
LENGTH	: 108 mm (4.25 inches)
WIDTH	: 70 mm (2.76 inches)
WEIGHT	: APPROX 2.96 Kg (6.53 lbs)
CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
INTERNAL RESISTANCE(25°C , 77°F)	: ~18mΩ
DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

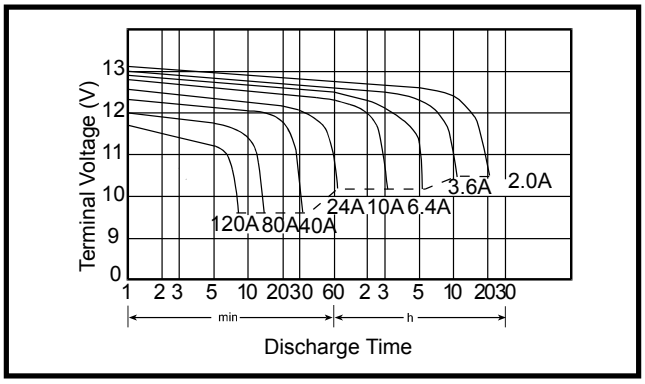
Characteristics

CAPACITY 25 °C / 77 °F	
20 hr @ 0.6 A	: 12 Ah
5 hr @ 1.92 A	: 9.6 Ah
1 hr @ 7.2 A	: 7.2 Ah
1 C @ 12 A	: 6 Ah
CHARGING VOLTAGE (25°C , 77 °F)	
STANDBY USE	: 6.825V±0.075V
CYCLE USE	: 7.35V±0.15 V
MAX DISCHARGE CURRENT	: 30 A
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%

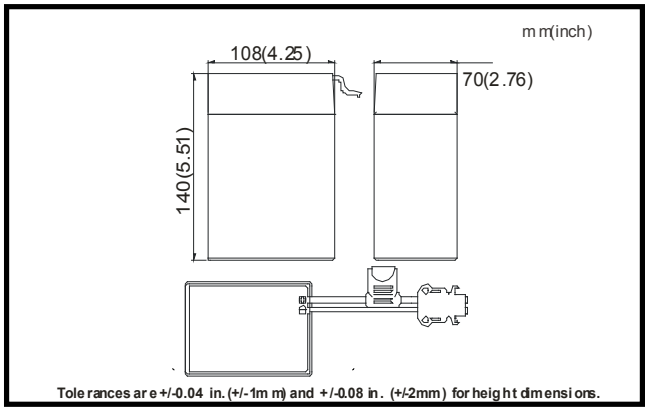
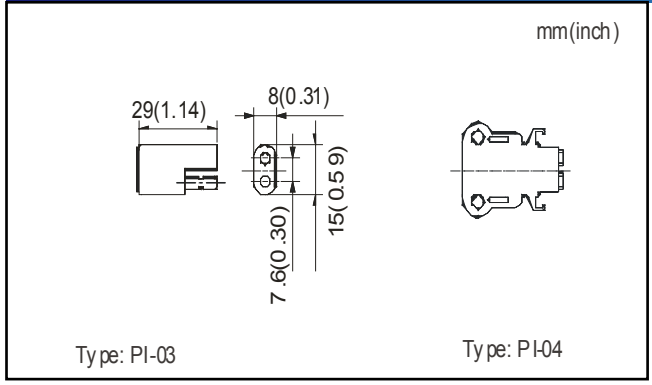
Discharge Current vs Time



Discharge Characteristics @25 °C (77 °F)



Dimensions



Terminal