

# SB 4-6

## 6V 4.0Ah

SB 4-6 is a general purpose battery with 6~9 years in standby service or more than 500 cycles at 50% depth of discharge in cycle service.

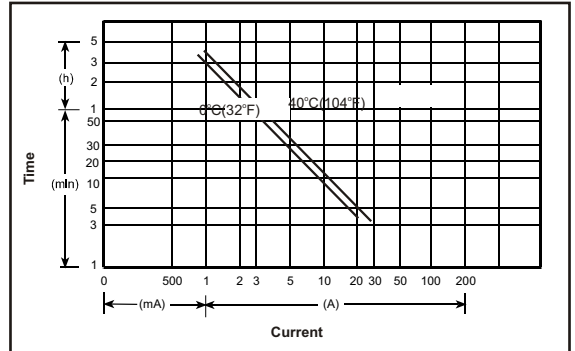
### ☆ SPECIFICATION

● NOMINAL VOLTAGE	: 6.0 V
● NOMINAL CAPACITY(20 hr)	: 4.0 Ah
● DIMENSIONS	
TOTAL HEIGHT	:106mm ( 4.17 inches )
CONTAINER HEIGHT	:101mm ( 3.98inches )
LENGTH	:70 mm (2.76inches )
WIDTH	:48mm (1.89inches )
● WEIGHT	: APPROX 0.70 Kg (1.54lbs )
● CONTAINER MATERIAL	: UL94HB ABS
● INTERNAL RESISTANCE( 25°C , 77 °F )	: ~25m
● DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

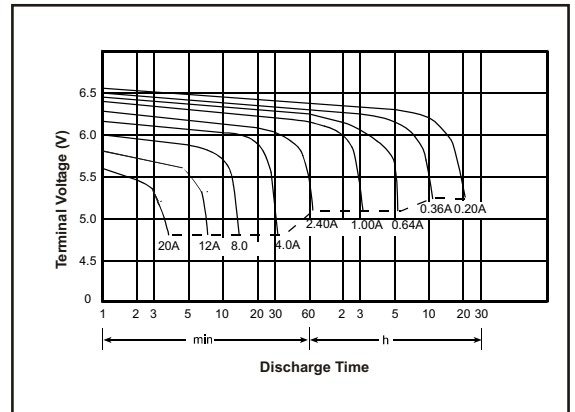
### ☆ CHARACTERISTICS

● CAPACITY 25 °C / 77 °F	
20 hr @ 0.20 A	: 4.00 Ah
5 hr @ 0.64 A	: 3.20 Ah
1 hr @ 2.40 A	: 2.40 Ah
1 C @ 4.00 A	: 2.00 Ah
● CHARGING VOLTAGE ( 25°C , 77 °F )	
STANDBY USE	: 6.75V--6.90 V
CYCLE USE	: 7.20V--7.50 V
● MAX DISCHARGE CURRENT	: 30 A ( 5 sec )
● MAX CHARGING CURRENT	:1.20 A
● SELF-DISCHARGE RESIDUAL CAPACITY( 25°C , 77 °F )	
AFTER 3 MONTHS	: ~90%
AFTER 6 MONTHS	: ~82%
AFTER 12 MONTHS	: ~64%

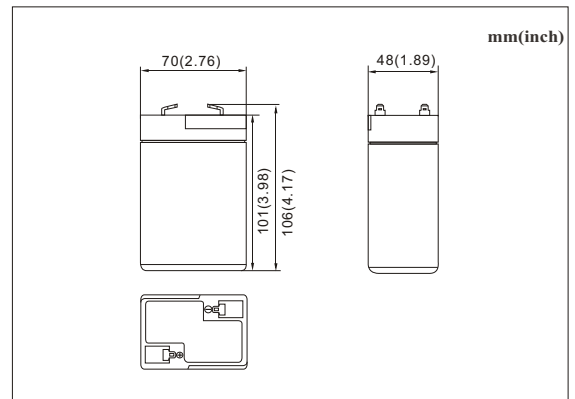
### ☆ Discharge Current vs Time



### ☆ Discharge Characteristics @25 °C (77 °C)



### ☆ Dimensions



### ☆ Terminal

