

# SB 4.5-12/SB 4.5-12L

## 12V 4.5Ah

SB 4.5-12 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.

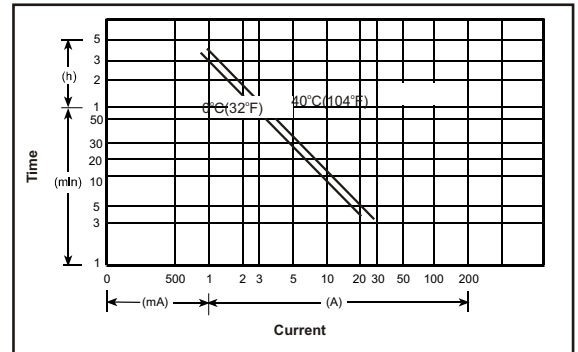
### ☆ SPECIFICATION

● NOMINAL VOLTAGE	: 12 V
● NOMINAL CAPACITY(20 hr)	: 4.5 Ah
● DIMENSIONS	
TOTAL HEIGHT	: 106 mm ( 4.17 inches )
CONTAINER HEIGHT	: 101mm ( 3.98inches )
LENGTH	: 90 mm (3.54inches )
WIDTH	: 70mm (2.76 inches )
● WEIGHT	: APPROX 1.52 Kg (3.34 lbs )
● CONTAINER MATERIAL	: UL94HB ABS
● INTERNAL RESISTANCE( 25°C , 77 °F )	: ~35m
● DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

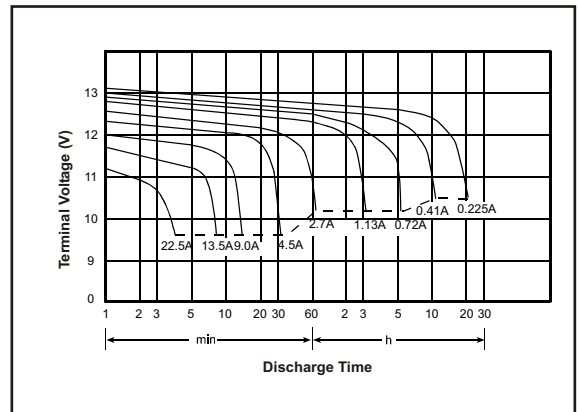
### ☆ CHARACTERISTICS

● CAPACITY 25 °C / 77 °F	
20 hr @ 0.225 A	: 4.50 Ah
5 hr @ .0.72 A	: 3.60 Ah
1 hr @ 2.70 A	: 2.70 Ah
1 C @ 4.50 A	: 2.25 Ah
● CHARGING VOLTAGE ( 25°C , 77 °F )	
STANDBY USE	: 13.65V±0.15 V
CYCLE USE	: 14.70V±0.30 V
● MAX DISCHARGE CURRENT	: 33.75 A ( 5 sec )
● MAX CHARGING CURRENT	: 13.5 A
● SELF-DISCHARGE RESIDUAL CAPACITY( 25°C , 77 °F )	
AFTER 3 MONTHS	: ~90%
AFTER 6 MONTHS	: ~82%
AFTER 12 MONTHS	: ~64%

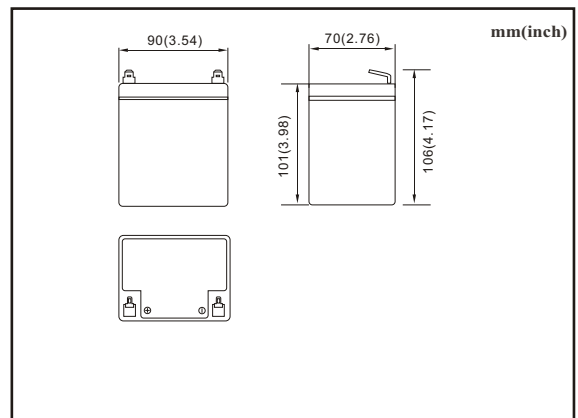
### ☆ Discharge Current vs Time



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



### ☆ Dimensions



### ☆ Terminal

