

# SB 40-12/SB 40-12i

## 12V 40.0Ah

VdS: G105017

SB 40-12/SB 40-12i 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.

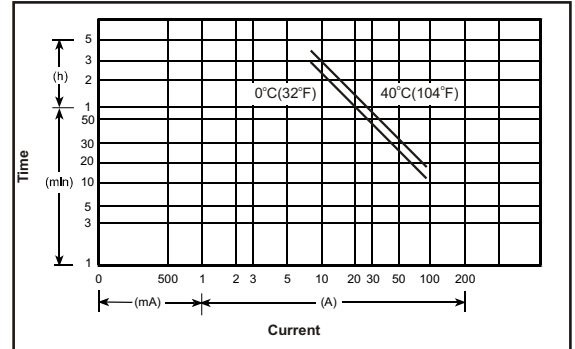
### ☆ SPECIFICATION

● NOMINAL VOLTAGE	: 12 V
● NOMINAL CAPACITY(20 hr)	: 40.0 Ah
● DIMENSIONS	
TOTAL HEIGHT	: 171 mm ( 6.73 inches )
CONTAINER HEIGHT	: 171 mm ( 6.73 inches )
LENGTH	: 196 mm ( 7.70 inches )
WIDTH	: 166 mm ( 6.54 inches )
● WEIGHT	: APPROX 14,0Kg ( 30,90 lbs )
● CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
● INTERNAL RESISTANCE( 25°C , 77 °F )	: ~8m
● DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

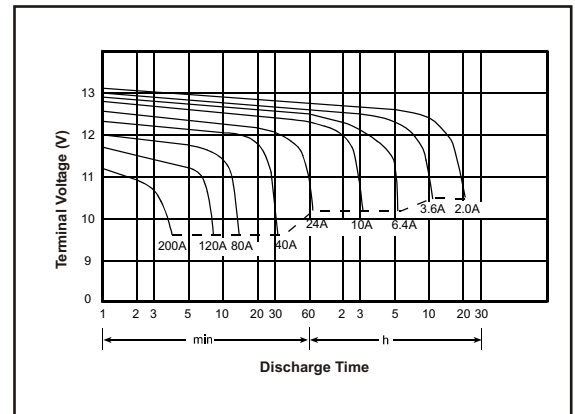
### ☆ CHARACTERISTICS

● CAPACITY 25 °C / 77 °F	
20 hr @ 2.0 A	: 40.0 Ah
5 hr @ .6.4 A	: 32.0 Ah
1 hr @ 24.0 A	: 24.0 Ah
1 C @ 40 A	: 20.0 Ah
● CHARGING VOLTAGE ( 25°C , 77 °F )	
STANDBY USE	: 13.65V±0.15 V
CYCLE USE	: 14.7V±0.3 V
● MAX DISCHARGE CURRENT	: 300 A ( 5 sec )
● MAX CHARGING CURRENT	: 12.0 A
● SELF-DISCHARGE RESIDUAL CAPACITY( 25°C , 77 °F )	
AFTER 3 MONTHS	: ~90%
AFTER 6 MONTHS	: ~82%
AFTER 12 MONTHS	: ~70%

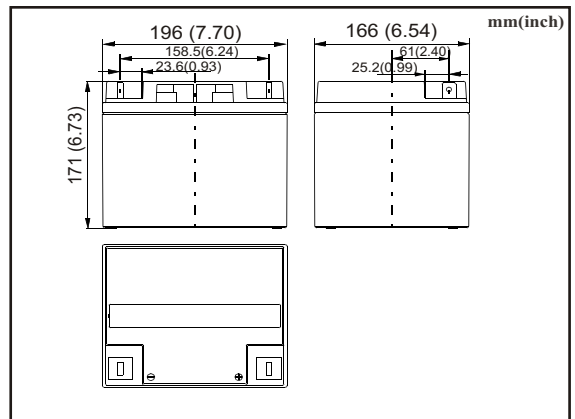
### ☆ Discharge Current vs Time



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



### ☆ Dimensions



### ☆ Terminal

