

# SB 20-12/SB 20-12i

## 12V 20.0Ah

SB 20-12/SB 20-12i 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.

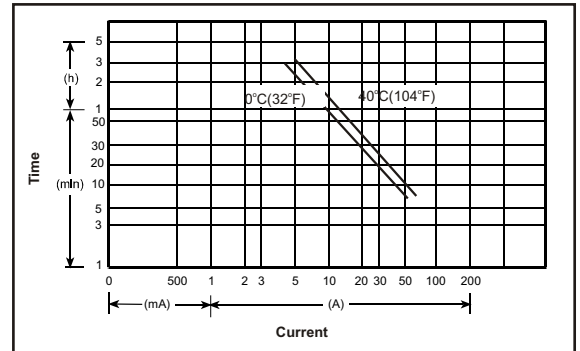
### ☆ SPECIFICATION

● NOMINAL VOLTAGE	: 12 V
● NOMINAL CAPACITY(20 hr)	: 20.0 Ah
● DIMENSIONS	
TOTAL HEIGHT	: 167 mm ( 6.57 inches )
CONTAINER HEIGHT	: 167 mm ( 6.57 inches )
LENGTH	: 181 mm (7.13inches )
WIDTH	: 77 mm (3.03 inches )
● WEIGHT	: APPROX 5.7 Kg (12.5 lbs )
● CONTAINER MATERIAL	: UL94HB ABS
● INTERNAL RESISTANCE( 25°C , 77 °F )	: ~12m
● DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

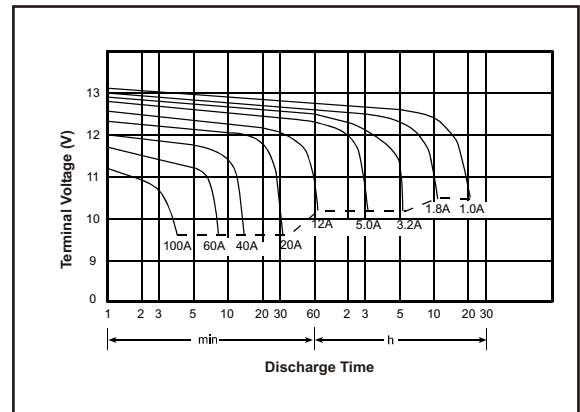
### ☆ CHARACTERISTICS

● CAPACITY 25 °C / 77 °F	
20 hr @ 1.00 A	: 20.0 Ah
5 hr @ .3.2 A	: 16.0 Ah
1 hr @ 12.0 A	: 12.0 Ah
1 C @ 20 A	:10.0 Ah
● CHARGING VOLTAGE ( 25°C , 77 °F )	
STANDBY USE	: 13.65V±0.15 V
CYCLE USE	: 14.70V±0.30 V
● MAX DISCHARGE CURRENT	: 150 A ( 5 sec )
● MAX CHARGING CURRENT	: 6.0 A
● SELF-DISCHARGE RESIDUAL CAPACITY( 25°C , 77 °F )	
AFTER 3 MONTHS	: ~90%
AFTER 6 MONTHS	: ~82%
AFTER 12 MONTHS	: ~64%

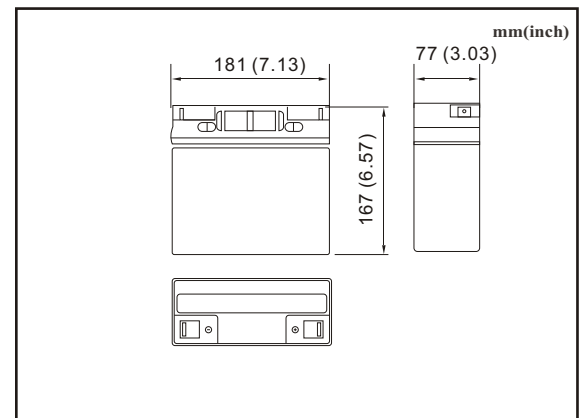
### ☆ Discharge Current vs Time



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



### ☆ Dimensions



### ☆ Terminal

