

SB 100-12/SB 100-12i

12V 100.0Ah

SB 100-12/SB 100-12i 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.

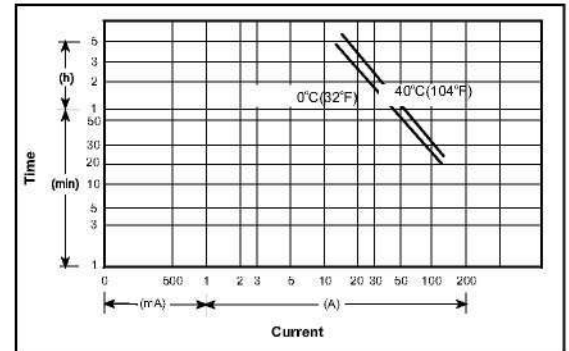
☆ SPECIFICATION

● NOMINAL VOLTAGE	: 12 V
● NOMINAL CAPACITY(20 hr)	: 100.0 Ah
● DIMENSIONS	
TOTAL HEIGHT	: 233 mm (9.17 inches)
CONTAINER HEIGHT	: 213 mm (8.39 inches)
LENGTH	: 331 mm (13.0 inches)
WIDTH	: 173 mm (6.81 inches)
● WEIGHT	: APPROX 32 Kg (70.5 lbs)
● CONTAINER MATERIAL	: UL94HB ABS
● INTERNAL RESISTANCE(25°C , 77 °F)	: ~3mΩ
● DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

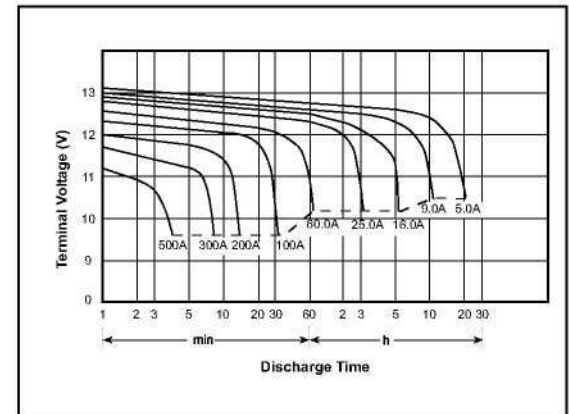
☆ CHARACTERISTICS

● CAPACITY 25°C / 77 °F	
20 hr @ 5.0 A	: 100.0 Ah
5 hr @ .16.0 A	: 80.0 Ah
1 hr @ 60.0 A	: 60.0 Ah
1 C @ 100 A	: 50.0 Ah
● CHARGING VOLTAGE (25°C , 77 °F)	
STANDBY USE	: 13.65V±0.15 V
CYCLE USE	: 14.7V±0.3 V
● MAX DISCHARGE CURRENT	: 750 A (5 sec)
● MAX CHARGING CURRENT	: 30 A
● SELF-DISCHARGE RESIDUAL CAPACITY(25°C , 77 °F)	
AFTER 3 MONTHS	: ~90%
AFTER 6 MONTHS	: ~82%
AFTER 12 MONTHS	: ~64%

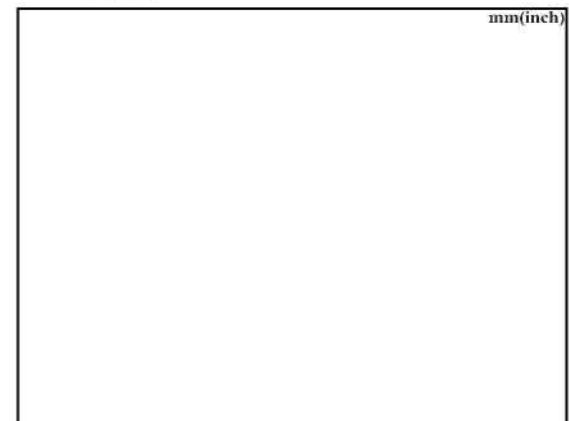
☆ Discharge Current vs Time



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



☆ Dimensions



☆ Terminal

