



SBL 90-12i

12V 90Ah

SBL 90-12i is a high performance battery with 10-12 years lifetime in standby service or more than 400 cycles at 50% depth of discharge in cycle service.

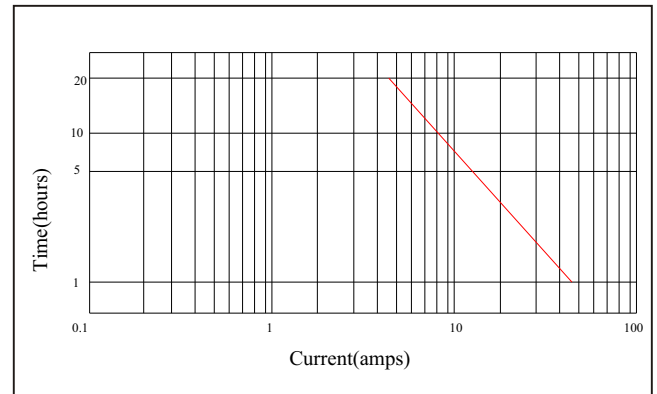
☆ SPECIFICATION

● NOMINAL VOLTAGE	: 12V
● NOMINAL CAPACITY(20 hr)	: 90Ah
● DIMENSIONS	
TOTAL HEIGHT	: 213 mm (8.39 inches)
CONTAINER HEIGHT	: 208 mm (8.19inches)
LENGTH	: 306 mm (12.1 inches)
WIDTH	: 169 mm (6.66 inches)
● WEIGHT	: APPROX 30Kg (66.1 lbs)
● CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
● INTERNAL RESISTANCE(25°C , 77 °F)	: ~5.2m
● DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

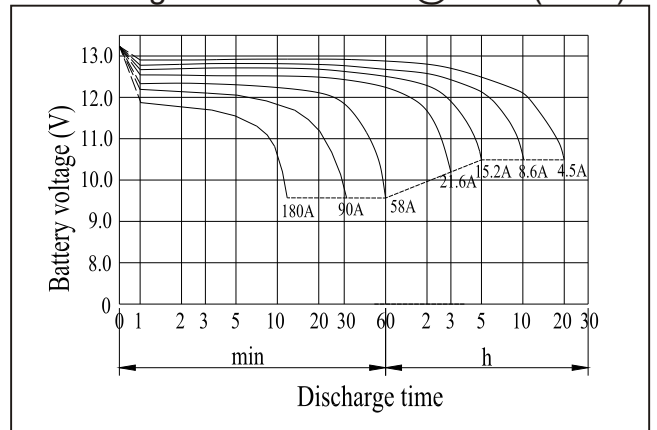
☆ CHARACTERISTICS

● CAPACITY 25°C/77°F	
20hr @ 4.5A	:90 Ah
5hr @ 15.2A	:76Ah
1hr @ 58A	:58 Ah
1C @ 90A	:45 Ah
● CAPACITY 25°C/77°F	
STANDBY USE	:13.7V±0.10V
CYCLE USE	:14.7V ± 0.3V
● MAX DISCHARGE CURRENT	:900A(5sec)
● MAX CHARGING CURRENT	:27A
● SELF-DISCHARGE RESIDUAL CAPACITY	
AFTER 3 MONTHS	:~90%
AFTER 6 MONTHS	:~82%
AFTER 12 MONTHS	:~70%

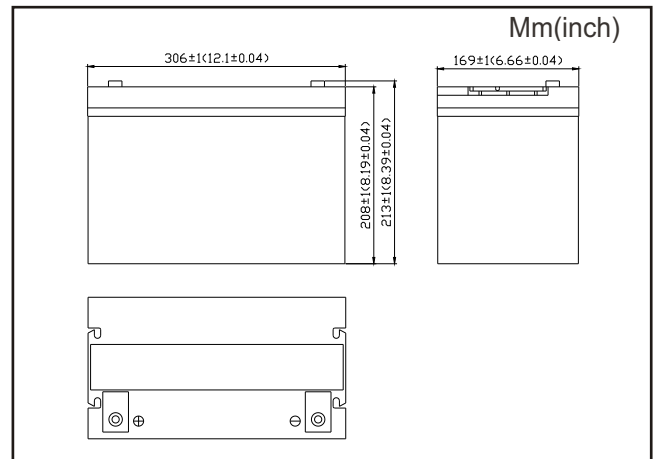
☆ Discharge Current vs Time



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



☆ Dimensions



☆ Terminal

