

# SBL 18-12i

## 12V 18Ah

SBL 18-12i 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.

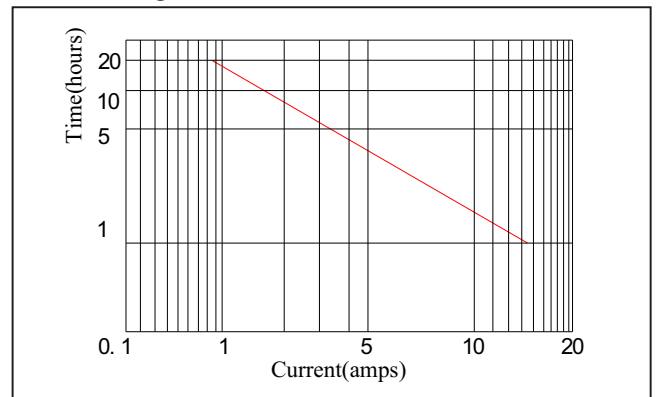
### ☆ SPECIFICATION

● NOMINAL VOLTAGE	: 12V
● NOMINAL CAPACITY(20 hr)	: 18Ah
● DIMENSIONS	
TOTAL HEIGHT	: 167 mm ( 6.57 inches )
CONTAINER HEIGHT	: 167 mm ( 6.57inches )
LENGTH	: 181 mm ( 7.13 inches )
WIDTH	: 77 mm ( 3.03 inches )
● WEIGHT	: APPROX 5.9 Kg ( 13.4 lbs )
● CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
● INTERNAL RESISTANCE( 25°C , 77 °F )	: ~15m
● DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

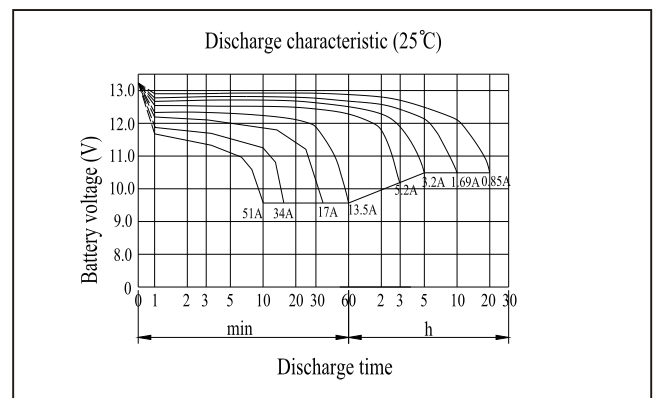
### ☆ CHARACTERISTICS

● CAPACITY 25°C/77°F	
20hr @ 0.90A	: 18 Ah
5hr @ 3.3A	: 16,5 Ah
1hr @ 14,0A	: 14,0 Ah
1C @ 18 A	: 9,0 Ah
● CAPACITY 25°C/77°F	
STANDBY USE	: 13.65V±0.15V
CYCLE USE	: 14.7V ± 0.3V
● MAX DISCHARGE CURRENT	: 255A (5sec)
● MAX CHARGING CURRENT	: 6.8 A
● SELF-DISCHARGE RESIDUAL CAPACITY	
AFTER 3 MONTHS	: ~90%
AFTER 6 MONTHS	: ~82%
AFTER 12 MONTHS	: ~70%

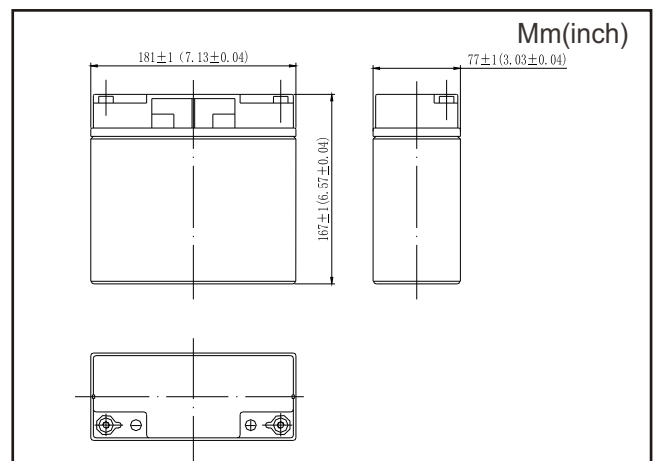
### ☆ Discharge Current vs Time



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



### ☆ Dimensions



### ☆ Terminal

