

# SBL 250-2i

## 2V 250Ah

SBL 250-2i is a High Performance battery with 10-12 years in standby service or more than 350 cycles at 50% depth of discharge in cycle service.

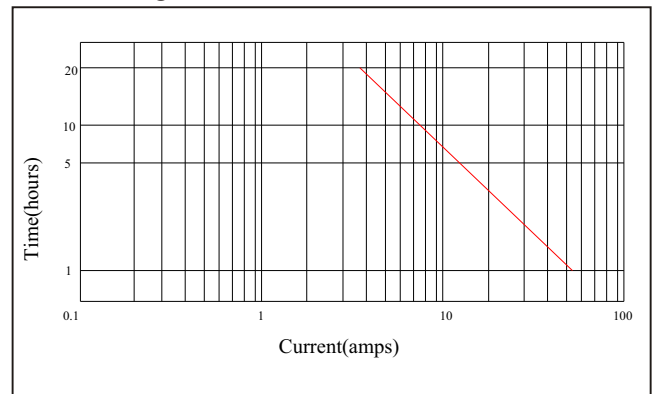
### ☆ SPECIFICATION

● NOMINAL VOLTAGE	: 2V
● NOMINAL CAPACITY(10 hr)	: 250Ah
● DIMENSIONS	
TOTAL HEIGHT	: 367 mm ( 14.45 inches )
CONTAINER HEIGHT	: 328 mm ( 12.92 inches )
LENGTH	: 172 mm ( 6.78 inches )
WIDTH	: 151 mm (5.94 inches )
● WEIGHT	: APPROX 18Kg ( 39.65 lbs )
● CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
● INTERNAL RESISTANCE( 25°C , 77 °F )	: ~0.78m
● DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

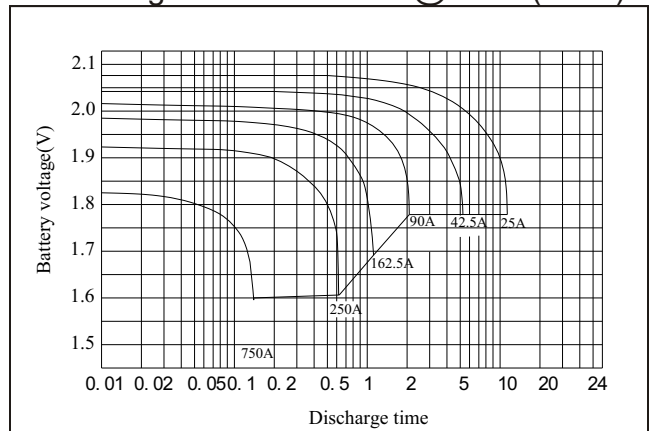
### ☆ CHARACTERISTICS

● CAPACITY 25°C/77°F	
10hr @ 25A	: 250 Ah
5hr @ 42.5A	: 212.5 Ah
1hr @ 162.5A	: 162.5 Ah
1C @ 250A	: 125 Ah
● CAPACITY 25°C/77°F	
STANDBY USE	:2.25V - 2.3V
CYCLE USE	:2.35V - 2.45V
● MAX DISCHARGE CURRENT	:1250A (5sec)
● MAX CHARGING CURRENT	:50A
● SELF-DISCHARGE RESIDUAL CAPACITY	
AFTER 3 MONTHS	:~90%
AFTER 6 MONTHS	:~82%
AFTER 12 MONTHS	:~70%

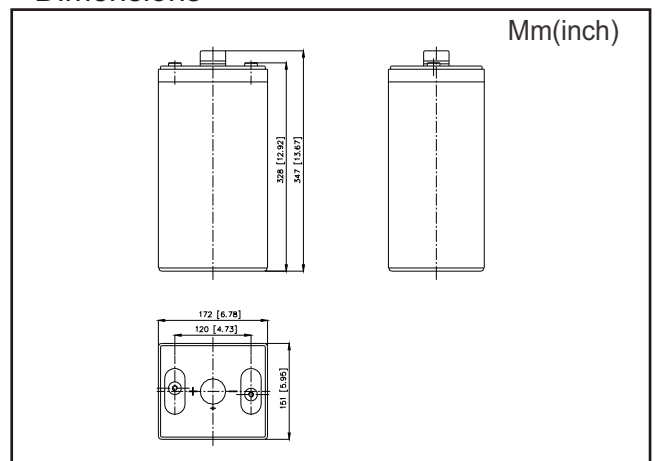
### ☆ Discharge Current vs Time



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



### ☆ Dimensions



### ☆ Terminal

