



# SBL 800-2i

2V 800Ah

SBL 800-2i 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.

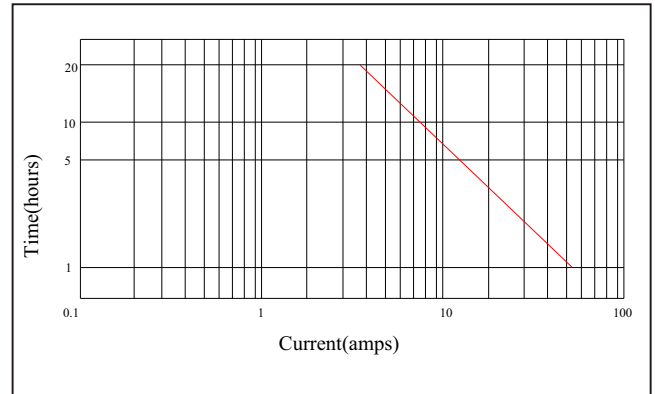
## ☆ SPECIFICATION

● NOMINAL VOLTAGE	: 2V
● NOMINAL CAPACITY(10 hr)	: 800Ah
● DIMENSIONS	
TOTAL HEIGHT	: 367 mm ( 14.45 inches )
CONTAINER HEIGHT	: 333 mm ( 13.11 inches )
LENGTH	: 410 mm ( 16.14 inches )
WIDTH	: 175 mm ( 6.89 inches )
● WEIGHT	: APPROX 57Kg ( 125.7 lbs )
● CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
● INTERNAL RESISTANCE( 25°C , 77 °F )	: ~0.6m
● DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

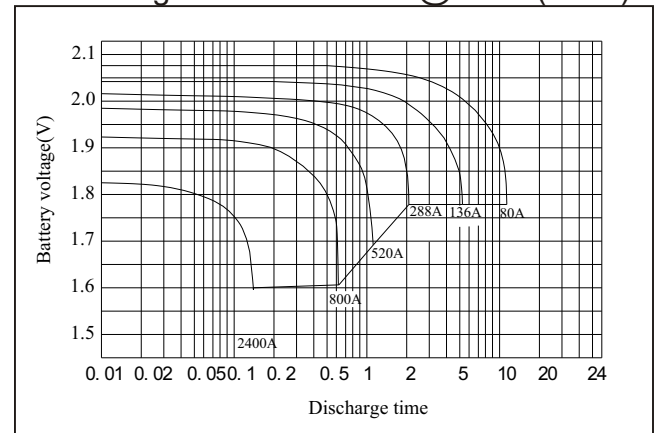
## ☆ CHARACTERISTICS

● CAPACITY 25°C/77°F	
10hr @80.0A	: 800 Ah
5hr @ 144A	: 720 Ah
1hr @ 496A	: 496 Ah
1C @ 800A	: 400 Ah
● CAPACITY 25°C/77°F	
STANDBY USE	: 2.25V - 2.3V
CYCLE USE	: 2.35V - 2.45V
● MAX DISCHARGE CURRENT	: 3000A (5sec)
● MAX CHARGING CURRENT	: 160A
● SELF-DISCHARGE RESIDUAL CAPACITY	
AFTER 3 MONTHS	: ~90%
AFTER 6 MONTHS	: ~82%
AFTER 12 MONTHS	: ~70%

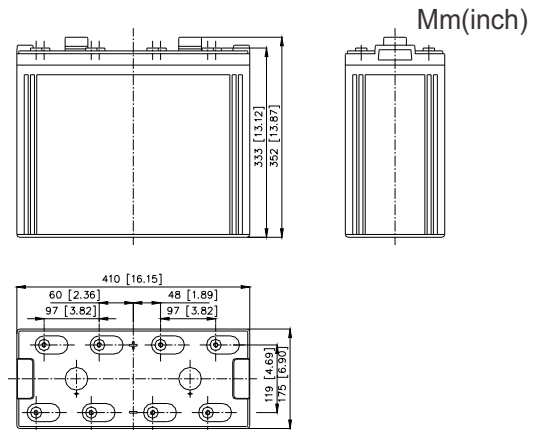
## ☆ Discharge Current vs Time



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



## ☆ Dimensions



## ☆ Terminal

