



SBL 500-2i

2V 500Ah

SBL 500-2i 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.

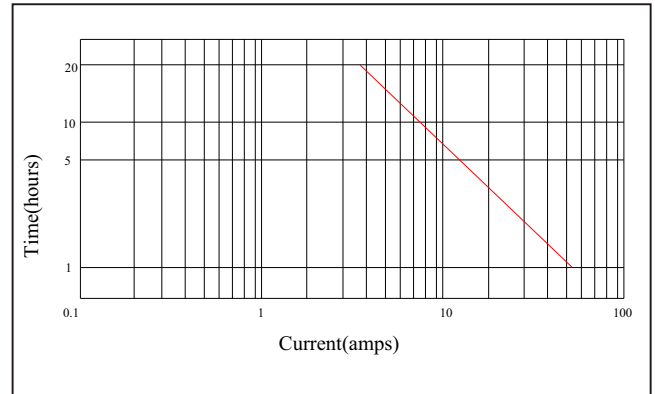
☆ SPECIFICATION

● NOMINAL VOLTAGE	: 2V
● NOMINAL CAPACITY(10 hr)	: 500Ah
● DIMENSIONS	
TOTAL HEIGHT	: 367 mm (14.45 inches)
CONTAINER HEIGHT	: 333 mm (13.11 inches)
LENGTH	: 241 mm (9.49 inches)
WIDTH	: 175 mm (6.89 inches)
● WEIGHT	: APPROX 33Kg (72.77 lbs)
● CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
● INTERNAL RESISTANCE(25°C , 77 °F)	: ~0.65m
● DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

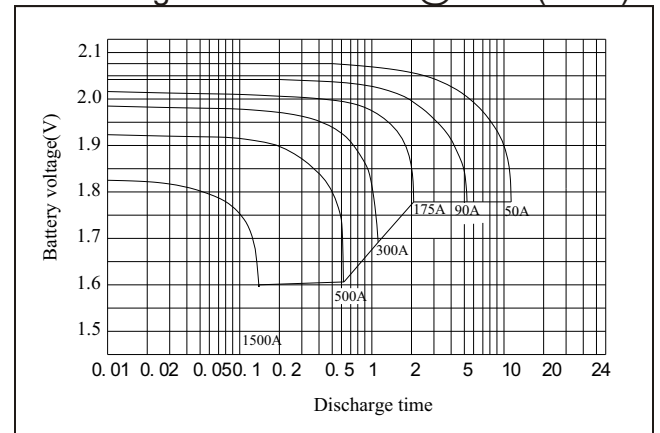
☆ CHARACTERISTICS

● CAPACITY 25°C/77°F	
10hr @ 50A	:500 Ah
5hr @ 90A	:450 Ah
1hr @ 300A	: 300 Ah
1C @ 500A	: 250 Ah
● CAPACITY 25°C/77°F	
STANDBY USE	:2.25V - 2.3V
CYCLE USE	:2.35V - 2.45V
● MAX DISCHARGE CURRENT	:2500A (5sec)
● MAX CHARGING CURRENT	:100A
● SELF-DISCHARGE RESIDUAL CAPACITY	
AFTER 3 MONTHS	:~90%
AFTER 6 MONTHS	:~82%
AFTER 12 MONTHS	:~70%

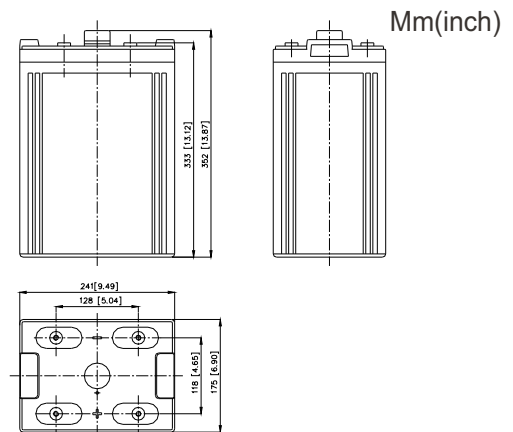
☆ Discharge Current vs Time



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



☆ Dimensions



☆ Terminal

