



SBL 420-2i

2V 420Ah

SBL 420-2i is a Long Life Battery according Eurobat with Design Life Time of 12 or more years. During Cyclic Use the performance of the Battery might be more than 350 cycles at 50% depth of discharge.

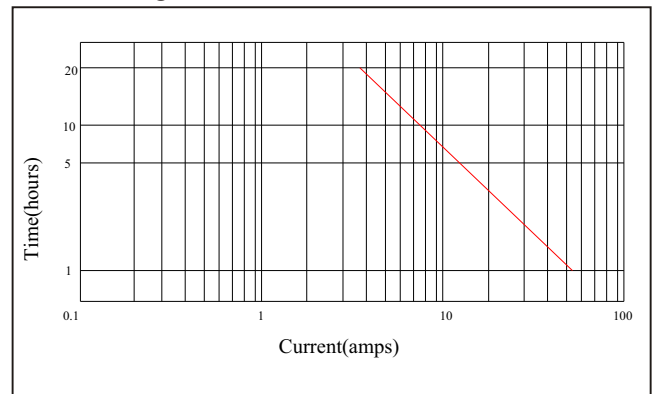
☆ SPECIFICATION

● NOMINAL VOLTAGE	: 2V
● NOMINAL CAPACITY(10 hr)	: 420Ah
● DIMENSIONS	
TOTAL HEIGHT	: 367 mm (14.45 inches)
CONTAINER HEIGHT	: 333 mm (13.11 inches)
LENGTH	: 210 mm (8.27 inches)
WIDTH	: 175 mm (6.89 inches)
● WEIGHT	: APPROX 28Kg (61.74 lbs)
● CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
● INTERNAL RESISTANCE(25°C , 77 °F)	: ~0.7m
● DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

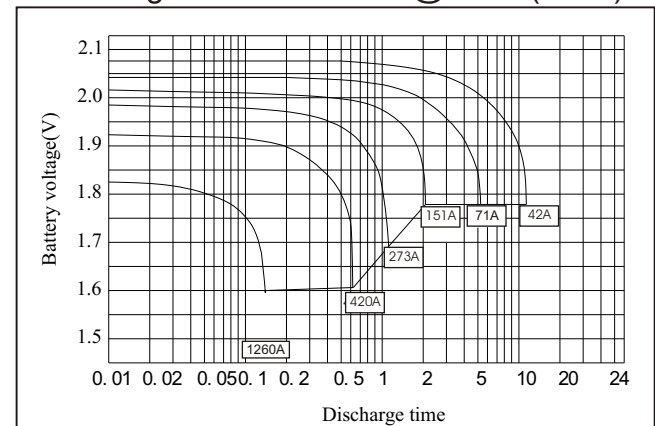
☆ CHARACTERISTICS

● CAPACITY 25°C/77°F	
10hr @ 42A	: 420 Ah
5hr @ 71A	: 355 Ah
1hr @ 271A	: 271 Ah
1C @ 420A	: 210 Ah
● CAPACITY 25°C/77°F	
STANDBY USE	:2.25V - 2.3V
CYCLE USE	:2.35V - 2.45V
● MAX DISCHARGE CURRENT	: 2100A (5sec)
● MAX CHARGING CURRENT	:80A
● SELF-DISCHARGE RESIDUAL CAPACITY	
AFTER 3 MONTHS	:~90%
AFTER 6 MONTHS	:~82%
AFTER 12 MONTHS	:~70%

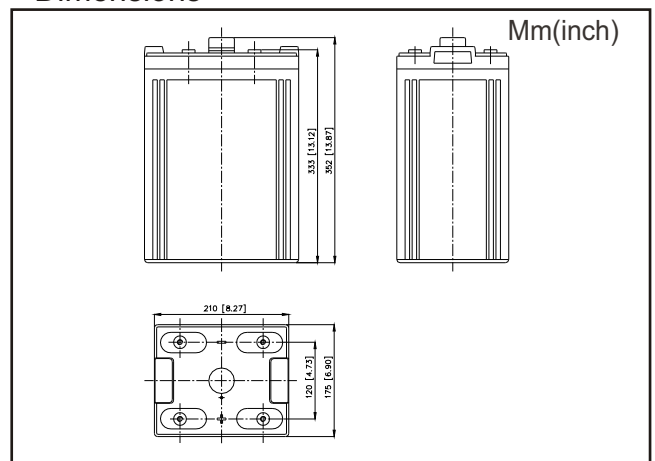
☆ Discharge Current vs Time



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



☆ Dimensions



☆ Terminal

