

SB 18-12/SB 18-12i

12V 18.0Ah

VdS: G105042

SB 18-12/SB 18-12i is a general purpose battery with 6~9 years in standby service or more than 500 cycles at 50% depth of discharge in cycle service.

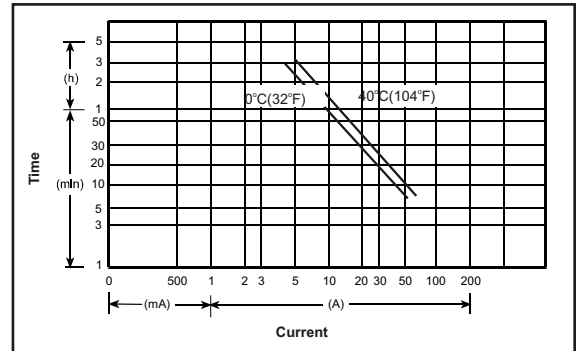
☆ SPECIFICATION

| | |
|---|-----------------------------|
| ● NOMINAL VOLTAGE | : 12 V |
| ● NOMINAL CAPACITY(20 hr) | : 18.0 Ah |
| ● DIMENSIONS | |
| TOTAL HEIGHT | : 167 mm (6.57 inches) |
| CONTAINER HEIGHT | : 167 mm (6.57 inches) |
| LENGTH | : 181 mm (7.13inches) |
| WIDTH | : 77 mm (3.03 inches) |
| ● WEIGHT | : APPROX 6.0 Kg (13.2 lbs) |
| ● CONTAINER MATERIAL | : UL94HB ABS |
| ● INTERNAL RESISTANCE(25°C , 77 °F) | : ~12m |
| ● DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES | |
| 40°C | : ~102% |
| 25°C | : ~100% |
| 0 °C | : ~85% |

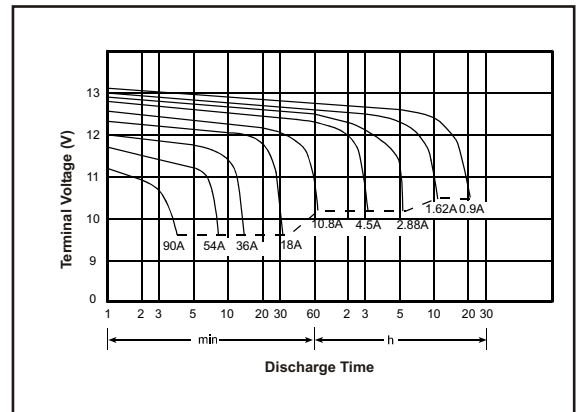
☆ CHARACTERISTICS

| | |
|--|-------------------|
| ● CAPACITY 25 °C / 77 °F | |
| 20 hr @ 0.90 A | : 18.0 Ah |
| 5 hr @ .2.88 A | : 14.4 Ah |
| 1 hr @ 10.8 A | : 10.8 Ah |
| 1 C @ 18.0 A | : 9.0 Ah |
| ● CHARGING VOLTAGE (25°C , 77 °F) | |
| STANDBY USE | : 13.65V±0.15 V |
| CYCLE USE | : 14.70V±0.30 V |
| ● MAX DISCHARGE CURRENT | : 135 A (5 sec) |
| ● MAX CHARGING CURRENT | : 5.4 A |
| ● SELF-DISCHARGE RESIDUAL CAPACITY(25°C , 77 °F) | |
| AFTER 3 MONTHS | : ~90% |
| AFTER 6 MONTHS | : ~82% |
| AFTER 12 MONTHS | : ~64% |

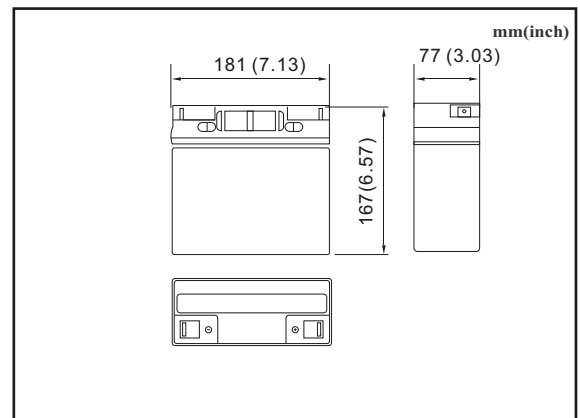
☆ Discharge Current vs Time



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



☆ Dimensions



☆ Terminal

