

# SBH190-12

## 12V 190W

**SBH 190-12 is specifically designed for UPS application .It offers improved power density up to 50% more than a conventional SB model operating at a 10 minutes discharge rate.**

### ☆ SPECIFICATION

● NOMINAL VOLTAGE	: 12V
● NOMINAL CAPACITY	:190W@10 Minutes rate to 9.6V@25°C( 77 °F)
● DIMENSIONS	
TOTAL HEIGHT	: 107 mm ( 4.21 inches )
CONTAINER HEIGHT	: 101 mm ( 3.98 inches )
LENGTH	: 90 mm ( 3.54 inches )
WIDTH	: 70 mm ( 2.76 inches )
● WEIGHT	: APPROX 1.8Kg ( 3.969 lbs )
● CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
● INTERNAL RESISTANCE( 25°C , 77 °F )	: ~25m
● DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

### ☆ CHARACTERISTICS

● CHARGING VOLTAGE(25°C.77°F)	
STANDBY USE	:13.8V±0.15V
● MAX DISCHARGE CURRENT	:50A (5sec)
● MAX CHARGING CURRENT	:1.5A
● SELF-DISCHARGE RESIDUAL CAPACITY	
AFTER 3 MONTHS	:~90%
AFTER 6 MONTHS	:~82%
AFTER 12 MONTHS	:~70%

### ☆ Constant power discharge unit:watis(25°C.77°F)

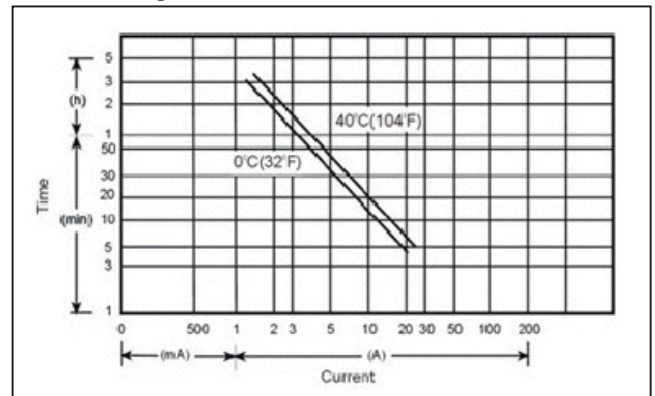
Time Cut off	3min	5min	7min	10min	15min	30min	60min	90min
9.6V	404.7	302.1	245.1	191	136.8	93.1	48.7	39.3
10.2V	356.3	273.6	214.7	179.6	125.4	88.3	46.7	36.7
10.8V	290.7	222.3	182.4	162.5	114	82.6	46.1	36.5

### ☆ Constant current discharge unit:A(25°C.77°F)

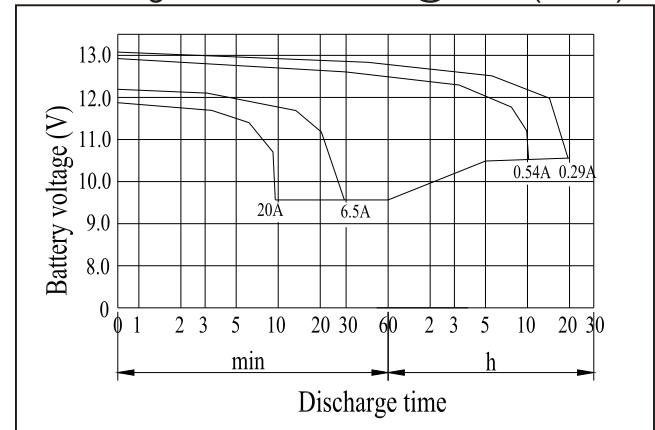
Time Cut off	3min	5min	7min	10min	15min	30min	60min	90min
9.6V	33.7	25.2	20.4	15.9	11.6	7.6	4.0	3.2
10.2V	29.6	22.8	17.6	15.1	10.5	7.3	3.9	3.1
10.8V	24.3	18.6	15.3	13.4	9.6	6.8	3.8	3.0

The above characteristics data are average values.

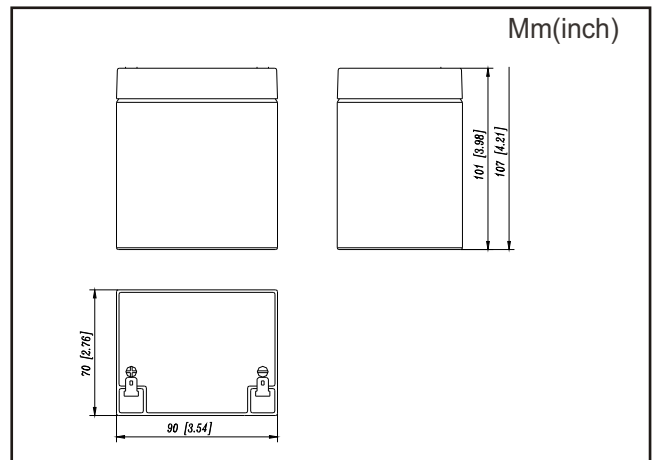
### ☆ Discharge Current vs Time



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



### ☆ Dimensions



### ☆ Terminal

