

SBH 300-12

12V 300W

SBH 300-12 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	: 12 V
● NOMINAL CAPACITY:300W @10 Minutes rate to 9.6V@25°C(77°F)	
● DIMENSIONS	
TOTAL HEIGHT	: 100 mm (3.94 inches)
CONTAINER HEIGHT	: 94 mm (3.70 inches)
LENGTH	: 151 mm (5.95 inches)
WIDTH	: 65 mm (2.56 inches)
● WEIGHT	: 3 Kg (6.6 lbs)
● CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
● INTERNAL RESISTANCE(25°C , 77 °F)	: ~20mΩ
● DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

☆ CHARACTERISTICS

● CHARGING VOLTAGE (25°C , 77 °F)	
STANDBY USE	: 13.65V±0.15 V
● MAX DISCHARGE CURRENT	: 150 A(5SEC)
● MAX CHARGING CURRENT	: 1.8 A
● SELF-DISCHARGE RESIDUAL CAPACITY(25°C , 77 °F)	
AFTER 3 MONTHS	: ~90%
AFTER 6 MONTHS	: ~82%
AFTER 12 MONTHS	: ~70%

☆ Constant power discharge unit:watts (25°C , 77°F)

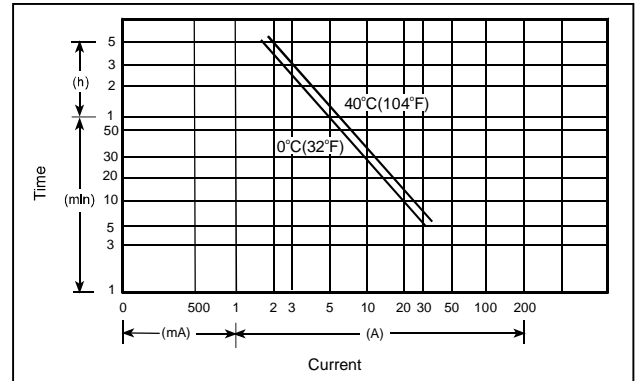
Time Cutoff	3Min.	5Min.	7Min.	10Min.	15Min.	20Min.	30Min.	60Min.	90Min.
9.60V	567	443	372	306	231	183	132	72.0	53.1
10.2V	513	399	348	288	217	168	123	66.3	51.6
10.8V	462	372	326	260	202	162	118	65.7	50.4

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

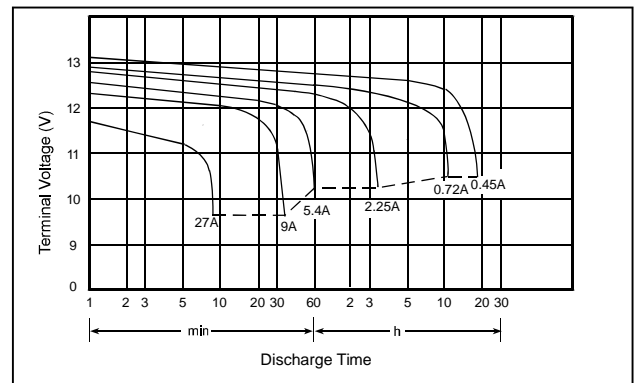
Time Cutoff	3Min.	5Min.	7Min.	10Min.	15Min.	20Min.	30Min.	60Min.	90Min.
9.60V	47.1	36.6	31.0	25.5	19.2	15.3	10.8	5.91	4.65
10.2V	42.6	33.3	29.1	23.7	18.0	13.8	10.2	5.52	4.38
10.8V	38.4	31.2	26.7	21.3	16.8	13.5	9.84	5.46	4.29

The above characteristics data are average values .

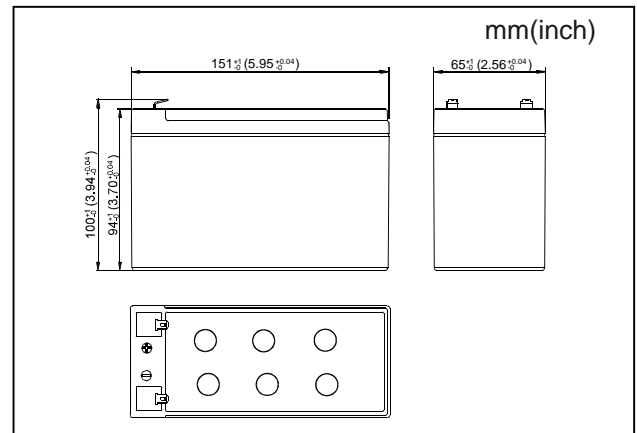
☆ Discharge Current vs Time



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



☆ Dimensions



☆ Terminal

