

## SPECIFICATION

● NOMINAL VOLTAGE	: 12 V
● NOMINAL CAPACITY(20 hr)	: 80.0Ah
● DIMENSIONS	
TOTAL HEIGHT	: 211 mm ( 8.31 inches )
CONTAINER HEIGHT	: 208 mm ( 8.19 inches )
LENGTH	: 260 mm (10.24 inches )
WIDTH	: 169 mm ( 6.65 inches )
● WEIGHT	: APPROX 28.05 Kg ( 61.84lbs )
● CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
● INTERNAL RESISTANCE( 25°C , 77 °F )	: ~6.5mΩ
● DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%



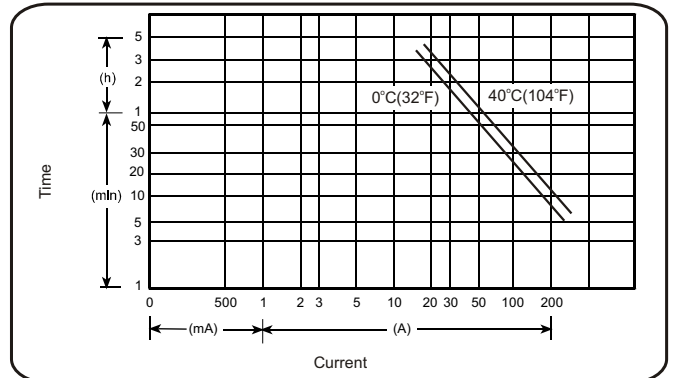
High Performance

XSA12800B is a long life, high performance battery designed for standby and cyclical applications. XSA batteries are capable of delivering up to 500 cycles at 50% depth of discharge.

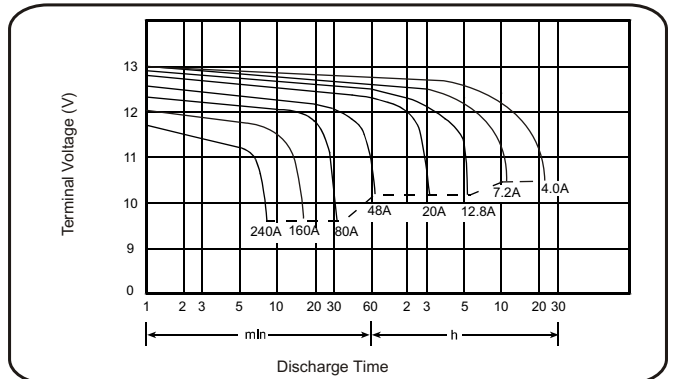
## CHARACTERISTICS

● CAPACITY 25 °C / 77 °F	
20 hr @ 4.0 A	: 80.0 Ah
5 hr @12.8 A	: 64.0 Ah
1 hr @48.0 A	: 48.0 Ah
1 C @80.0 A	: 40.0 Ah
● CHARGING VOLTAGE ( 25°C , 77 °F )	
STANDBY USE	: 13.65V ±0.15 V
CYCLE USE	: 14.7V ±0.3 V
● MAX DISCHARGE CURRENT	: 600 A ( 5 sec )
● MAX CHARGING CURRENT	: 24 A
● SELF-DISCHARGE RESIDUAL CAPACITY( 25°C , 77 °F )	
AFTER 3 MONTHS	: ~90%
AFTER 6 MONTHS	: ~82%
AFTER 12 MONTHS	: ~70%

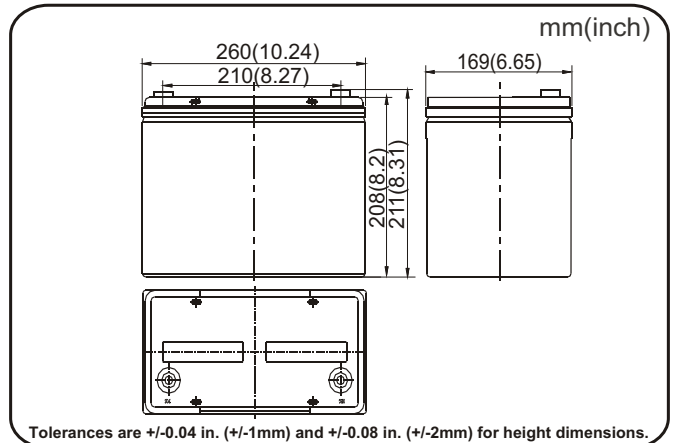
## Discharge Current vs Time



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

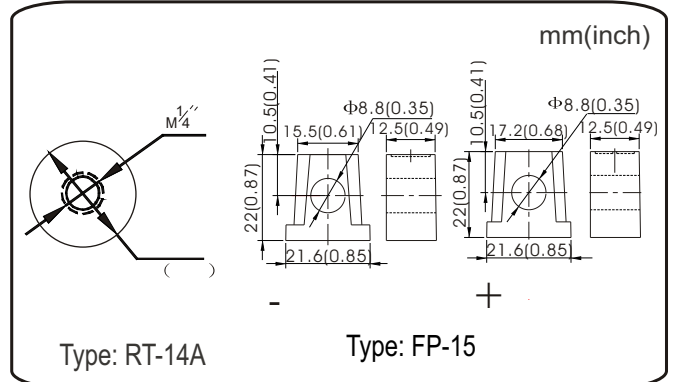


## Dimensions



Tolerances are +/-0.04 in. (+/-1mm) and +/-0.08 in. (+/-2mm) for height dimensions.

## Terminal



Web : [www.sota.cc](http://www.sota.cc)

Note: Specifications are subject to change without further notice.  
SOTA ENERTECH INC.

20041102