

**12VHC35** 12V35.0Ah

**General Application**

12VHC35 is specifically designed for deep cycle application with more than 600 cycles at 50% depth of discharge or more than 350 cycles at 100% depth.

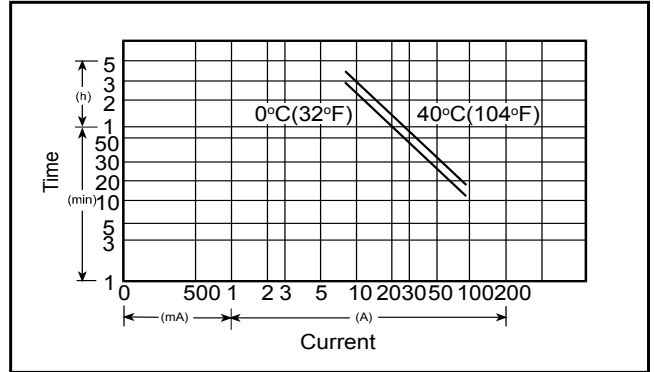
**Specification**

• NOMINAL VOLTAGE	: 12 V
• NOMINAL CAPACITY(20 hr)	: 35.0 Ah
• DIMENSIONS	
TOTAL HEIGHT	: 170 mm ( 6.69 inches )
CONTAINER HEIGHT	: 170 mm ( 6.69 inches )
LENGTH	: 198 mm ( 7.80 inches )
WIDTH	: 130 mm ( 5.12 inches )
• WEIGHT	: APPROX 15 Kg ( 23.07 lbs )
• CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
• INTERNAL RESISTANCE( 25°C , 77 °F )	: ~8mΩ
• DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

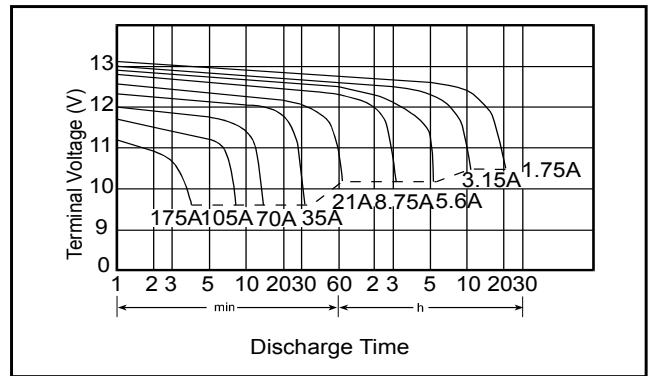
**Characteristics**

• CAPACITY 25 °C / 77 °F	
20 hr @ 1.75 A	: 35 Ah
5 hr @ 5.6 A	: 28 Ah
1 hr @ 21 A	: 21 Ah
1 C @ 35A	: 17.5 Ah
• CHARGING VOLTAGE ( 25°C , 77 °F )	
STANDBY USE	: 13.65V ±0.15 V
CYCLE USE	: 14.7V ± 0.3V
• MAX DISCHARGE CURRENT	: 300A ( 5 sec )
• MAX CHARGING CURRENT	: 10.5 A
• SELF-DISCHARGE RESIDUAL CAPACITY( 25°C , 77 °F )	
AFTER 3 MONTHS	: 90%
AFTER 6 MONTHS	: 82%
AFTER 12 MONTHS	: 70%

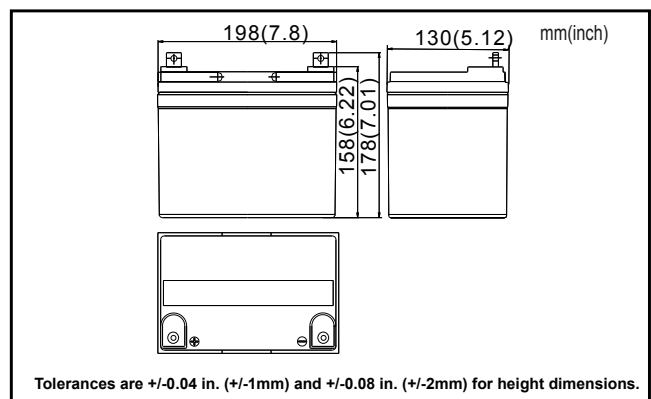
**Discharge Current vs Time**



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



**Dimensions**



**Terminal**

