



Sealed Lead Acid Rechargeable Battery

Wuhan V-cell Energy Technology Co., Ltd.

12VC80

12V80.0Ah

General Application

12VC80 is a high performance battery with 4~6 years in standby service or more than 500 cycles at 50% depth of discharge in cycle service.

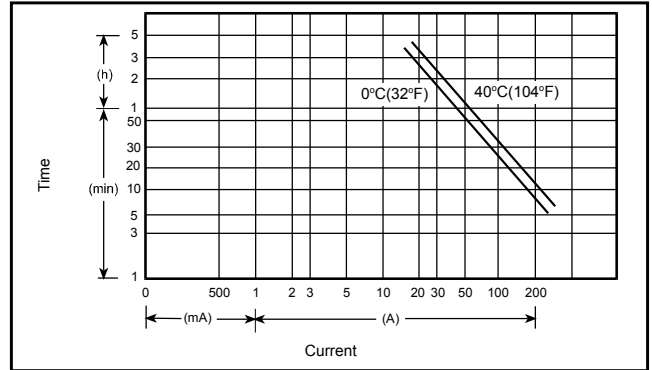
Specification

● NOMINAL VOLTAGE	: 12 V
● NOMINAL CAPACITY(20 hr)	: 80.0 Ah
● 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 26.5 Kg (58.43lbs)
● 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%

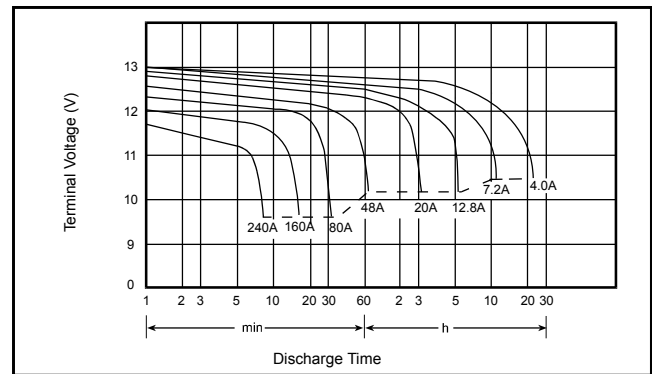
Characteristics

● 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 _o ±0.15 V
● CYCLE USE	: 14.7V _o ±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%

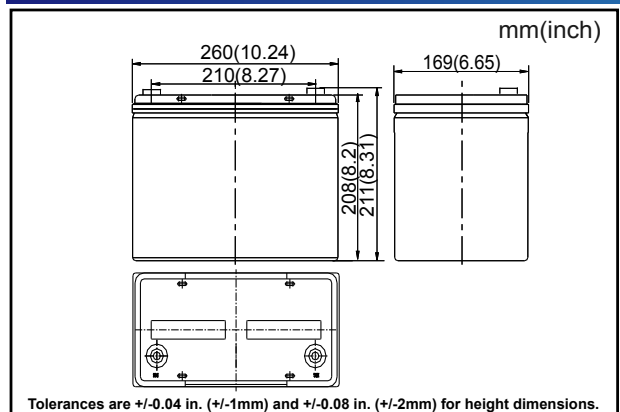
Discharge Current vs Time



Discharge Characteristics @25 °C (77 °F)



Dimensions



Terminal

