Sealed Lead Acid Rechargeable Battery

Wuhan V-cell Energy Technology Co., Ltd.

12VC4.0 12V4.0Ah

General Application

12VC4.0 is a general purpose battery with 3~5 years in standby service or more than 400 cycles at 50% depth of discharge in cycle service.

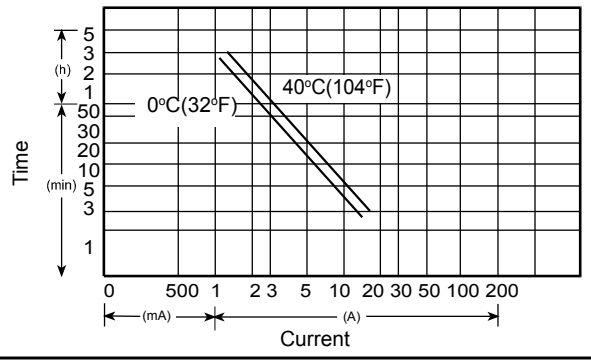
Specification

NOMINAL VOLTAGE	: 12 V
NOMINAL CAPACITY(20 hr)	: 4.0 Ah
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 1.58 Kg (3.48lbs)
CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
INTERNAL RESISTANCE(25ºC , 77 ºF)	: ~35mΩ
DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40ºC	: ~102%
25ºC	: ~100%
0 ºC	: ~85%

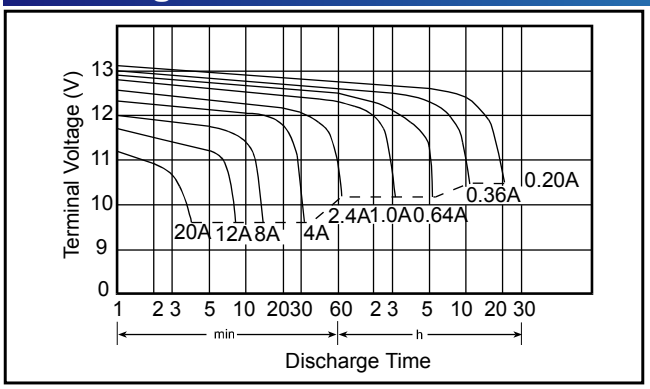
Characteristics

CAPACITY 25 ºC / 77 ºF	
20 hr @ 0.20 A	: 4.0 Ah
5 hr @ 0.64 A	: 3.2 Ah
1 hr @ 2.4 A	: 2.4 Ah
1 C @ 4.0 A	: 2.0 Ah
CHARGING VOLTAGE (25ºC , 77 ºF)	
STANDBY USE	: 13.65V±0.15 V
CYCLE USE	: 14.7V±0.3V
MAX DISCHARGE CURRENT	: 60 A (5 sec)
MAX CHARGING CURRENT	: 1.2 A
SELF-DISCHARGE RESIDUAL CAPACITY(25ºC , 77 ºF)	
AFTER 3 MONTHS	: ~90%
AFTER 6 MONTHS	: ~82%
AFTER 12 MONTHS	: ~70%

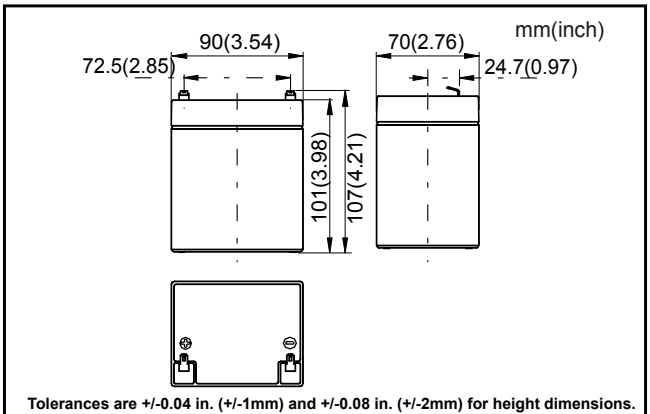
Discharge Current vs Time



Discharge Characteristics @25 ºC (77 ºF)

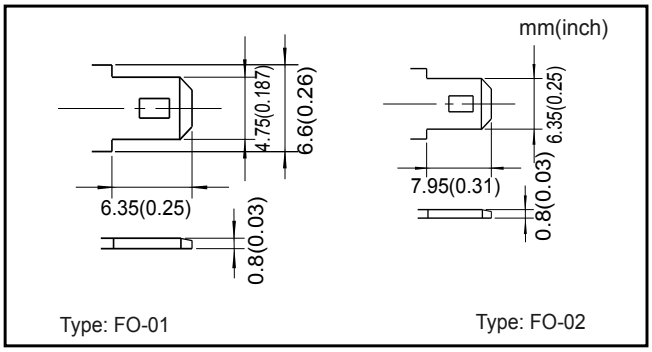


Dimensions



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

Terminal



*Specifications subject to change without notification.

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