



Sealed Lead Acid Rechargeable Battery

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.

Unit Specification

NOMINAL VOLTAGE	: 12 V
NOMINAL CAPACITY(20 hr)	: 80.0 Ah
DIMENSIONS	
TOTAL HEIGHT(RT TERMINAL)	: 211 mm (8.31 inches)
TOTAL HEIGHT(FP TERMINAL)	: 235 mm (9.25 inches)
CONTAINER HEIGHT	: 208 mm (8.19 inches)
LENGTH	: 260 mm (10.24 inches)
WIDTH	: 169 mm (6.65 inches)
NET WEIGHT(UNIT)	: APPROX 23.20 Kg (51.15lbs)
CONTAINER MATERIAL	: UL94HB ABS
	: UL94 V-0 ABS
INTERNAL RESISTANCE(25°C , 77 °F)	: ~6.5mΩ
DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%
-15 °C	: ~70%
-30 °C	: ~55%

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%

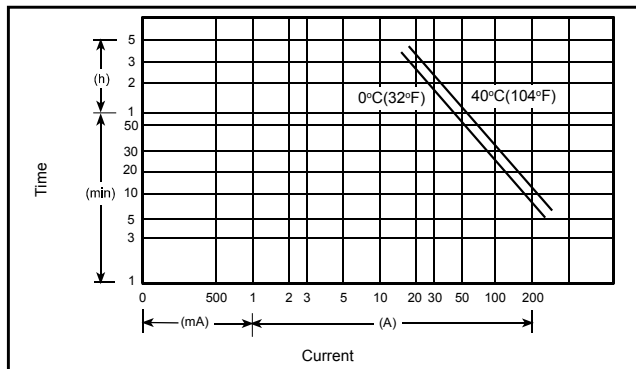
Packaging and Weights

CASE LOT SIZE	: 1Pcs
NET WEIGHT(UNIT)	: 23.20Kg (51.15lbs)
GROSS WEIGHT(CASE SIZE)	: 24.20Kg (53.35lbs)

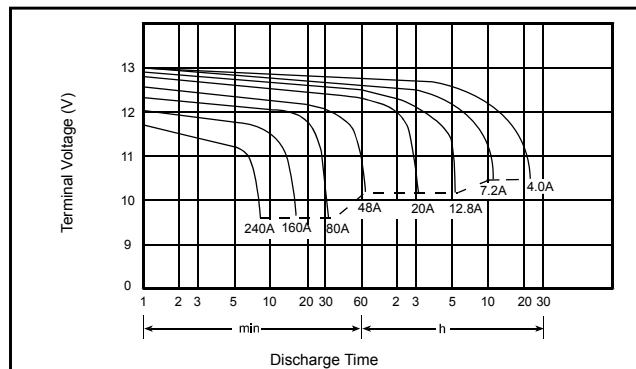
12VC80

12V80.0Ah

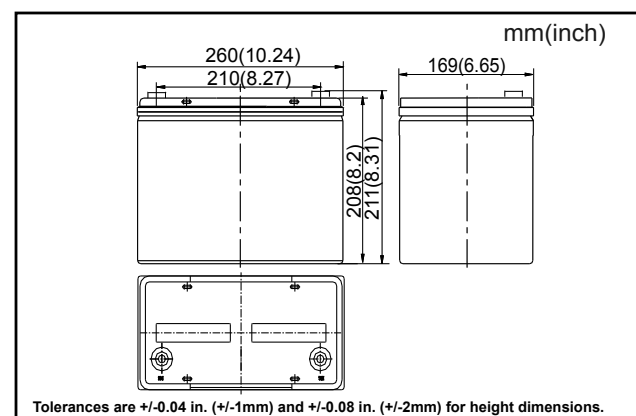
Discharge Current vs Time



Discharge Characteristics @25 °C (77 °F)



Dimensions



Terminal

