

General Application

12VC34 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.

Unit Specification

• NOMINAL VOLTAGE	: 12 V
• NOMINAL CAPACITY(20 hr)	: 34.0 Ah
• DIMENSIONS	
TOTAL HEIGHT(RT TERMINAL)	: 160 mm (6.30 inches)
TOTAL HEIGHT(FP TERMINAL)	: 178 mm (7.01 inches)
CONTAINER HEIGHT	: 158 mm (6.22 inches)
LENGTH	: 198 mm (7.80 inches)
WIDTH	: 130 mm (5.12 inches)
• NET WEIGHT(UNIT)	: APPROX 9.00 Kg (19.84 lbs)
• CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
• INTERNAL RESISTANCE(25°C , 77 °F)	: ~9mΩ
• DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

Characteristics

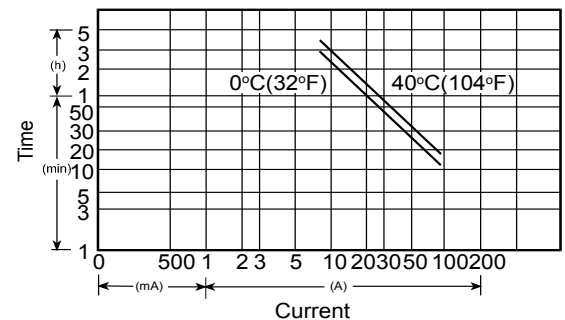
• CAPACITY 25 °C / 77 °F	
20 hr @ 1.7 A	: 34 Ah
5 hr @ 5.44 A	: 27.2 Ah
1 hr @ 20.4 A	: 20.4 Ah
1 C @ 34 A	: 17 Ah
• CHARGING VOLTAGE (25°C , 77 °F)	
STANDBY USE	: 13.65V ± 0.15 V
CYCLE USE	: 14.7V ± 0.3V
• MAX DISCHARGE CURRENT	: 300A (5 sec)
• MAX CHARGING CURRENT	: 9.6 A
• SELF-DISCHARGE RESIDUAL CAPACITY(25°C , 77 °F)	
AFTER 3 MONTHS	: 90%
AFTER 6 MONTHS	: 82%
AFTER 12 MONTHS	: 70%

Packaging and Weights

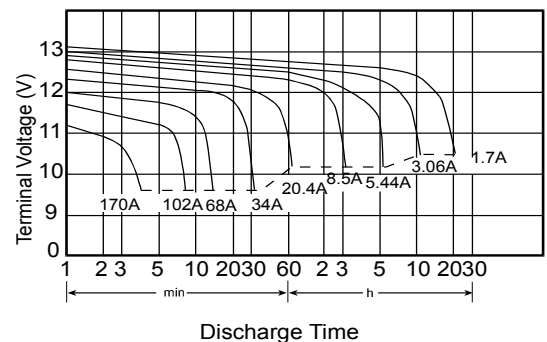
• CASE LOT SIZE	: 1Pcs
• NET WEIGHT(UNIT)	: 9.00Kg (19.84lbs)
• GROSS WEIGHT(CASE SIZE)	: 10.00Kg (22.05lbs)

12VC34 12V34.0Ah

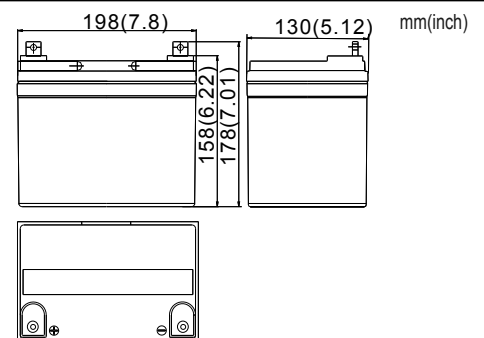
Discharge Current vs Time



Discharge Characteristics @25 °C (77 °F)



Dimensions



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

Terminal

