General Application

12VC12 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): 12.0 Ah
- DIMENSIONS
  - TOTAL HEIGHT: 100 mm (3.94 inches)
  - CONTAINER HEIGHT: 94 mm (3.70 inches)
  - LENGTH: 151 mm (5.94 inches)
  - WIDTH: 98 mm (3.86 inches)
- NET WEIGHT(UNIT): APPROX. 3.58 Kg (7.89 lbs)
- CONTAINER MATERIAL: UL94HB ABS
- INTERNAL RESISTANCE (25°C, 77 °F): ~14 mΩ
- DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES
  - 40°C: ~102%
  - 25°C: ~100%
  - 0°C: ~85%

Characteristics

- CAPACITY 25°C / 77°F
  - 20 hr @ 0.6 A: 12.0 Ah
  - 5 hr @ 1.92 A: 9.6 Ah
  - 1 hr @ 7.2 A: 7.2 Ah
  - 1°C @ 12 A: 6 Ah
- CHARGING VOLTAGE (25°C, 77°F)
  - STANDBY USE: 13.65V±0.15V
  - CYCLE USE: 14.7V±0.3V
- MAX DISCHARGE CURRENT: 120 A (5 sec)
- MAX CHARGING CURRENT: 3.6 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: 4Pcs
- NET WEIGHT(UNIT): 3.58Kg (7.89lbs)
- GROSS WEIGHT(CASE SIZE): 15.32Kg (33.77lbs)