General Application

12VC3.4 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 hrs)**: 3.4 Ah
- **Dimensions**
  - Total Height: 67 mm (2.64 inches)
  - Container Height: 60 mm (2.36 inches)
  - Length: 134 mm (5.28 inches)
  - Width: 67 mm (2.64 inches)
- **Net Weight (Unit)**: APPROX 1.29 Kg (2.84 lbs)
- **Container Material**: UL94HB ABS
- **UL94V-0 ABS**
- **Internal Resistance (25°C, 77°F)**: ~45mΩ
- **Discharge Capacity Under Different Temperatures**
  - 40°C: ~102%
  - 25°C: ~100%
  - 0°C: ~85%

Characteristics

- **Capacity 25°C / 77°F**
  - 20 hr @ 0.17 A: 3.4 Ah
  - 5 hr @ 0.544 A: 2.72 Ah
  - 1 hr @ 2.04 A: 2.04 Ah
  - 1 C @ 3.4 A: 1.7 Ah
- **Charging Voltage (25°C, 77°F)**
  - Standby Use: 13.65V±0.15 V
  - Cycle Use: 14.7V±0.3 V
- **Max Discharge Current**: 40A (5 sec)
- **Max Charging Current**: 1.02A
- **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**: 10 Pcs
- **Net Weight (Unit)**: 1.29 Kg (2.84 lbs)
- **Gross Weight (Case Size)**: 13.90 Kg (30.64 lbs)

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

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