**General Application**

12VC0.8 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)**: 0.8Ah
- **DIMENSIONS**
  - TOTAL HEIGHT: 62 mm (2.44 inches)
  - CONTAINER HEIGHT: 62 mm (2.44 inches)
  - LENGTH: 96 mm (3.78 inches)
  - WIDTH: 25 mm (0.98 inches)
- **NET WEIGHT(UNIT)**: APPROX 0.35 Kg (0.77 lbs)
- **CONTAINER MATERIAL**: UL94HB ABS
- **INTERNAL RESISTANCE(25°C, 77°F)**: ~160 mΩ
- **DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES**
  - 40°C: ~92%
  - 25°C: ~100%
  - 0°C: ~85%

**Characteristics**

- **CAPACITY 25°C / 77°F**
  - 20 hr @ 0.04 A: 0.8 Ah
  - 5 hr @ 0.128 A: 0.64 Ah
  - 1 hr @ 0.48 A: 0.48 Ah
  - 1 C @ 0.8 A: 0.4 Ah
- **CHARGING VOLTAGE (25°C, 77°F)**
  - STANDBY USE: 13.65V ± 0.15V
  - CYCLE USE: 14.7V ± 0.3V
- **MAX DISCHARGE CURRENT WITH STANDARD TERMINALS**: 4A (5 sec)
- **MAX CHARGING CURRENT**: 0.24 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**: 40Pcs
- **NET WEIGHT(UNIT)**: 0.35Kg (0.77lbs)
- **GROSS WEIGHT(CASE SIZE)**: 15.2Kg (33.51lbs)

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**Discharge Current vs Time**

**Discharge Characteristics @25°C (77°F)**

**Dimensions**

- **Discharge Characteristics vs Time**

**Terminal**

Type: PI-01

Type: PI-02