**General Application**

6VC7.2 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**: 6 V
- **Nominal Capacity (20 hr)**: 7.2 Ah
- **Dimensions**
  - Total Height: 100 mm (3.94 inches)
  - Container Height: 94 mm (3.70 inches)
  - Length: 151 mm (5.94 inches)
  - Width: 34 mm (1.34 inches)
- **Net Weight (Unit)**: APPROX 1.15 Kg (2.54 lbs)
- **Container Material**: UL94HB ABS
- **Internal Resistance**: ~16mΩ
- **Discharge Capacity Under Different Temperatures**
  - 40°C: ~102%
  - 25°C: ~100%
  - 0°C: ~85%

**Characteristics**

- **Capacity 25°C / 77°F**
  - 20 hr @ 0.36 A: 7.2 Ah
  - 5 hr @ 1.15A: 5.76 Ah
  - 1 hr @ 4.32 A: 4.32 Ah
  - 1 C @ 7.2 A: 3.6 Ah
- **Charging Voltage (25°C, 77°F)**
  - Standby Use: 6.825V ± 0.075 V
  - Cycle Use: 7.35V ± 0.15 V
- **Max Discharge Current**: 90 A (5 sec)
- **Max Charging Current**: 2.16 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**: 10 Pcs
- **Net Weight (Unit)**: 1.15 Kg (2.54 lbs)
- **Gross Weight (Case Size)**: 12.50 Kg (27.56 lbs)

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

**Dimensions**

**Terminal**

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