



NP2-12

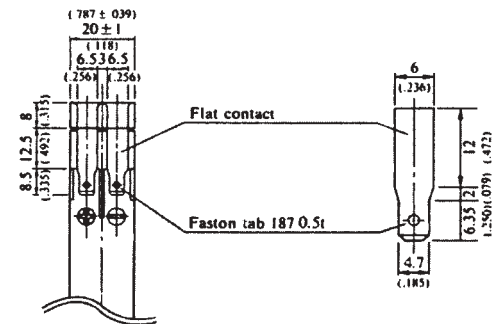
Sealed Rechargeable
Lead-Acid Battery

12V, 2Ah

Specifications

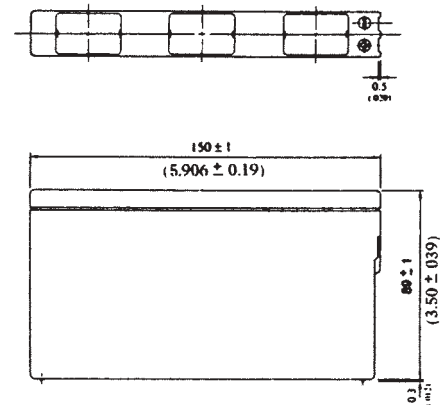
- **NOMINAL VOLTAGE:** 12V
- **NOMINAL CAPACITY:**
 - 20 hr. rate of .100A to 10.50V 2.0Ah
 - 10 hr. rate of .186A to 10.50V 1.86Ah
 - 5 hr. rate of .340A to 10.20V 1.7Ah
 - 1 hr. rate of 1.20A to 9.60V 1.2Ah
- **WEIGHT (approx.):** 1.54 pounds (0.70 kgs.)
- **ENERGY DENSITY (20 hr. rate):** 15.6 WH/cubic inch (95 WH/liter)
- **SPECIFIC ENERGY (20 hr. rate):** 15.6 WH/pound (34 WH/kg)
- **INTERNAL RESISTANCE OF CHARGED BATTERY:** 80 milliohms (approx.)
- **MAXIMUM DISCHARGE CURRENT WITH STANDARD TERMINALS:** 40 amperes
- **MAXIMUM SHORT-DURATION DISCHARGE CURRENT:** 80 amperes
- **OPERATING TEMPERATURE RANGE:**
 - CHARGE 5°F to 122°F (-15°C to 50°C)
 - DISCHARGE -4°F to 140°F (-20°C to 60°C)
- **CHARGE RETENTION (shelf life) at 68°F (20°C):**
 - 1 month 97%
 - 3 months 91%
 - 6 months 85%
- **LIFE EXPECTANCY:**
 - STANDBY USE 3 to 5 years
 - CYCLE USE (approx.):
 - 100% depth of discharge 250 cycles
 - 50% depth of discharge 550 cycles
 - 30% depth of discharge 1200 cycles
- **SEALED CONSTRUCTION:** Can be operated in any position without leakage.
- **STANDARD TERMINAL:** Quick Disconnect .187 and Flat Contact
- **HOUSING MATERIAL:** ABS Resin

Terminal



DIMENSIONS: (INCHES)

Dimensions

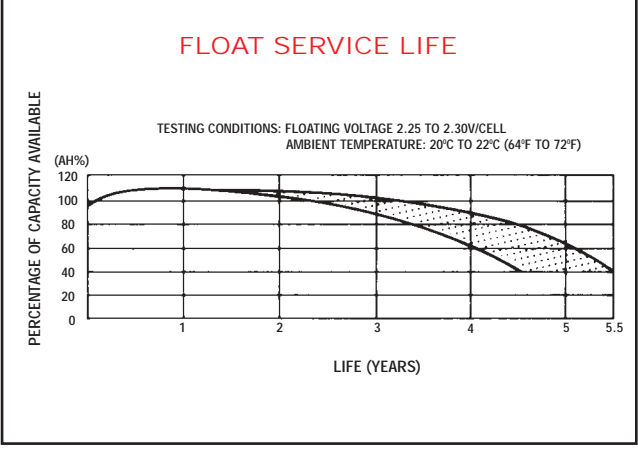
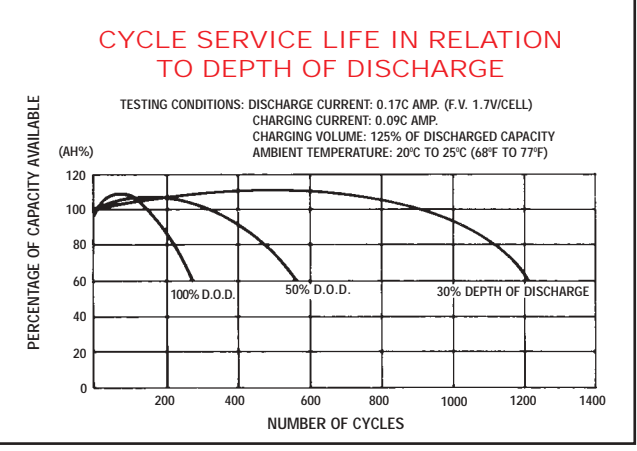
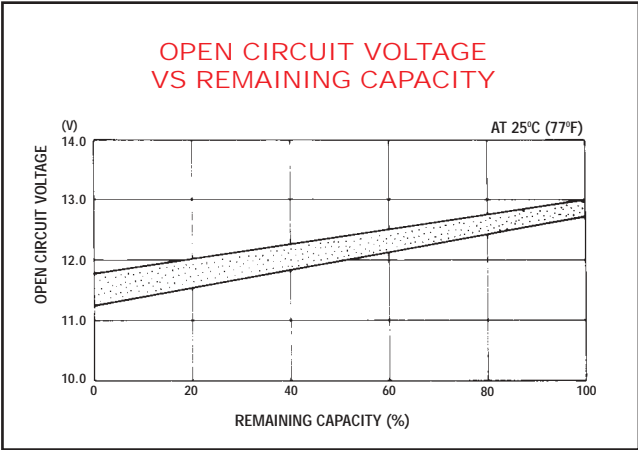
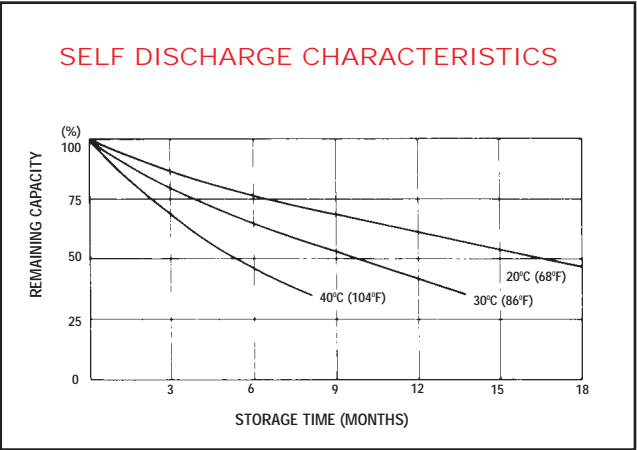
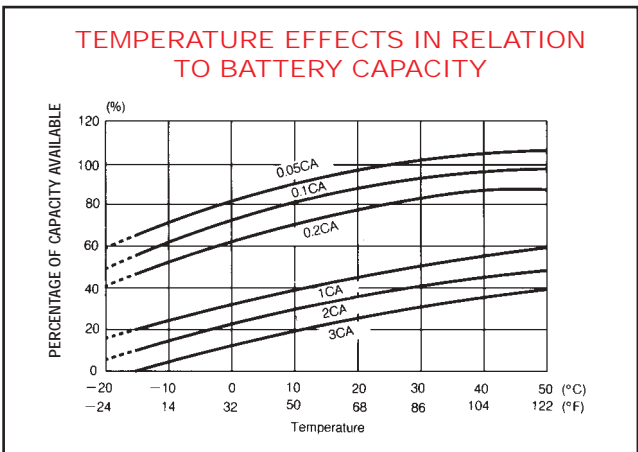
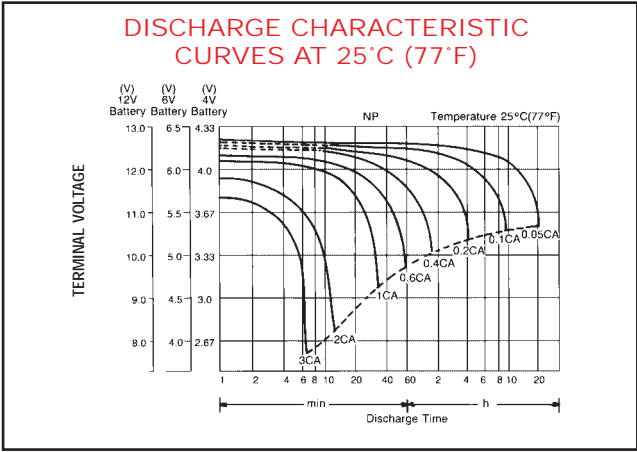


DIMENSIONS: MM (INCHES)



RECOGNIZED BY UL, File No. MH 16464





When the battery will be used by current in excess of 3C, consult with EnerSys Inc. prior to use.

CHARGING METHODS (At 20°C)

- Cycle use:** Maximum charging current 0.5A
Charging voltage 14.4 to 15.0V
- Standby use:** Float charging voltage 13.50 to 13.80V

CAUTION •Avoid short circuit
 •Do not charge in a sealed container.



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