

FiberSafe12

Sealed Rechargeable Lead-Acid Battery 12V, 12.0Ah

SPECIFICATIONS

- **NOMINAL VOLTAGE:**
12V
- **NOMINAL CAPACITY:**

20 hr. rate of	0.6A to 10.5V	12.0Ah
10 hr. rate of	1.1A to 10.5V	11.0Ah
5 hr. rate of	2.1A to 10.2V	10.5Ah
1 hr. rate of	7.2A to 9.60V	7.2Ah
- **WEIGHT (approx.):**
8.82 pounds (4 kgs.)
- **ENERGY DENSITY (20 hr. rate):**
1.70 WH/cubic inch (103.5 WH/liter)
- **SPECIFIC ENERGY (20 hr. rate):**
16.3 WH/pound (36.0 WH/kg)
- **INTERNAL RESISTANCE OF CHARGED BATTERY:**
16 milliohms (approx.)
- **MAXIMUM DISCHARGE CURRENT WITH STANDARD TERMINALS:**
40 amperes
- **MAXIMUM SHORT-DURATION DISCHARGE CURRENT:**
360 amperes
- **OPERATING TEMPERATURE RANGE:**

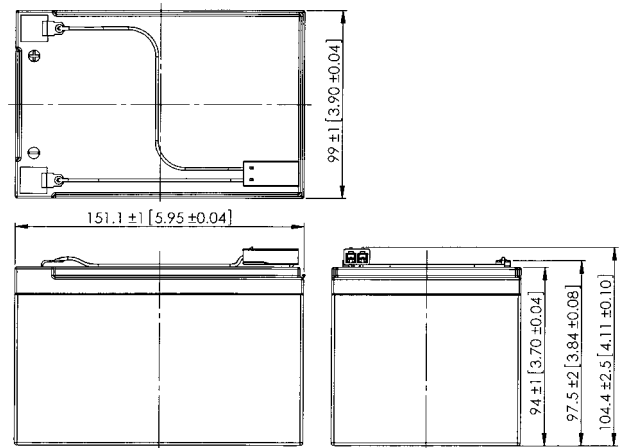
CHARGE	5°F to 122°F
	(-15°C to 50°C)
DISCHARGE	-4°F to 140°F
	(-20°C to 60°C)
- **CHARGE RETENTION (shelf life) at 68°F (20°C):**

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, except inverted, without leakage.
- **STANDARD TERMINAL:**
Wiring harness for use with Intelligent Network Interface Devices (INIDs)
- **HOUSING MATERIAL:**
Container and cover made from Flame Retardant ABS (UL94-V0/L.O.I.>28%)
- Note: UL ID FS12NFRGNV Container and cover made from Non-Flame Retardant ABS (L.O.I. 18-20)
- Approved for shipping as non-hazardous, nonspillable

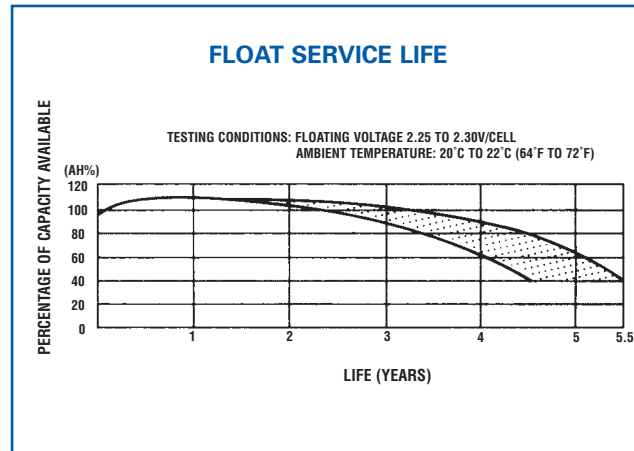
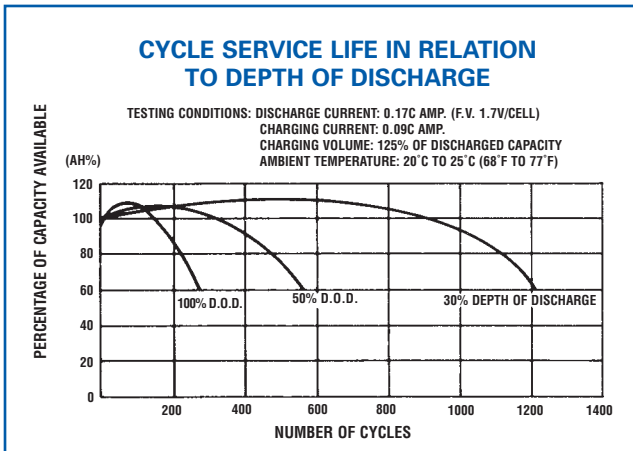
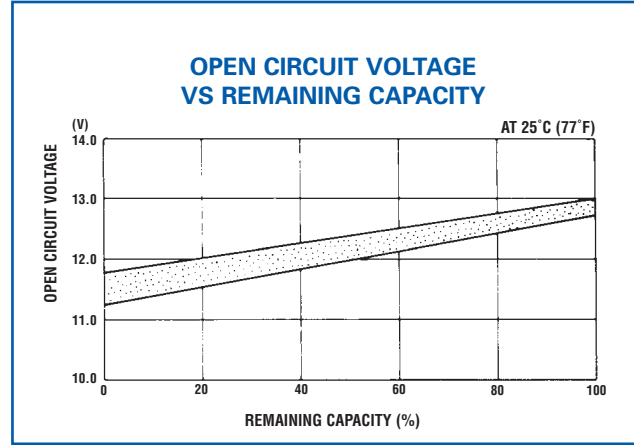
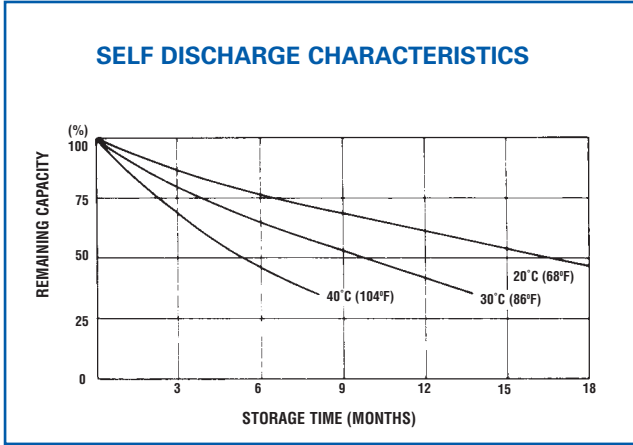
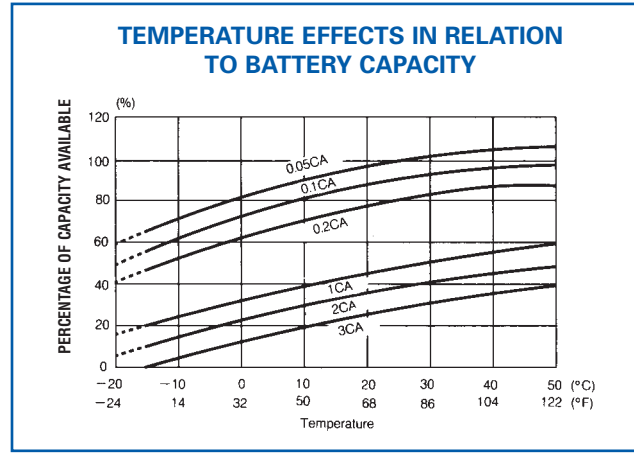
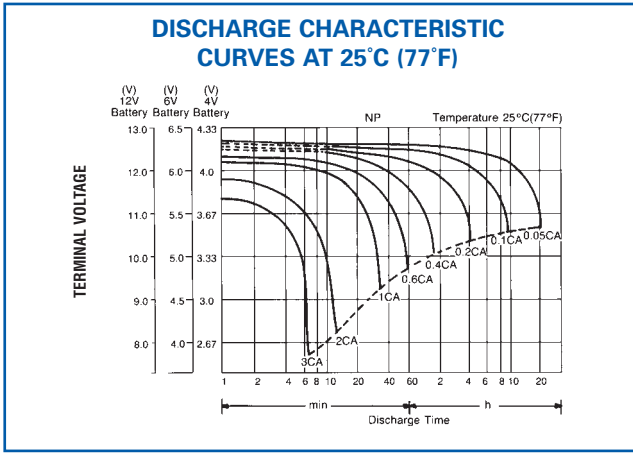


DIMENSIONS



DIMENSIONS: MM [INCHES]

UL listing - File No MH16464



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

CHARGING METHODS (At 20°C)

- Cycle use:** Maximum charging current 3.0A
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.



www.fibersafebattery.com

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