

SEALED RECHARGEABLE LEAD-ACID

B A T T E R I E S



YUASA NPH3.2-12 NPH3.2-12FR

12V, 3.2Ah

Specifications

NOMINAL VOLTAGE: 12V

NOMINAL CAPACITY:

10 hr. rate of 0.32A to 10.50V 3.2Ah

5 hr. rate of 0.58A to 10.20V 2.9Ah

1 hr. rate of 2.4A to 9.60V 2.4Ah

WEIGHT (approx.): 3.09 pounds (1.04 kgs.)

ENERGY DENSITY (10 hr. rate):

1.16 WH/cubic inch (71 WH/liter)

SPECIFIC ENERGY (10 hr. rate):

12.6 WH/pound (28 WH/kg)

INTERNAL RESISTANCE OF CHARGED BATTERY:

35 milliohms (approx.)

MAXIMUM DISCHARGE CURRENT WITH STANDARD TERMINALS:

40 amperes

MAXIMUM SHORT-DURATION DISCHARGE CURRENT:

100 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:

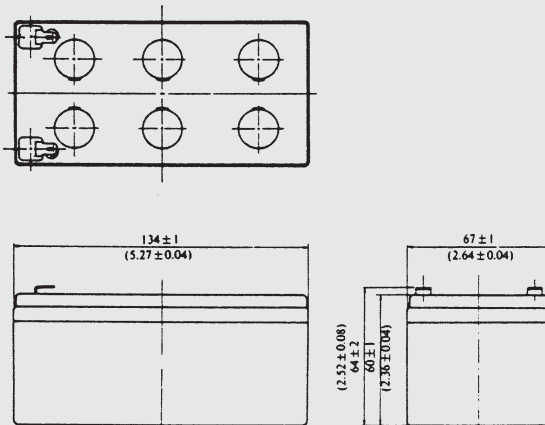
Quick Disconnect .187

HOUSING MATERIAL: ABS Resin

OPTIONAL: Container and cover made from

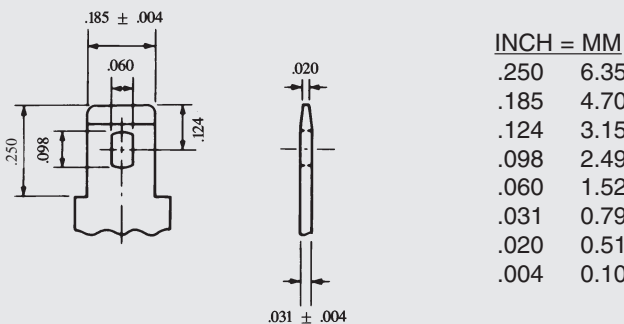
Flame Retardant ABS (UL94-V0/L.O.I.>28%)

Dimensions



DIMENSIONS: (INCHES)

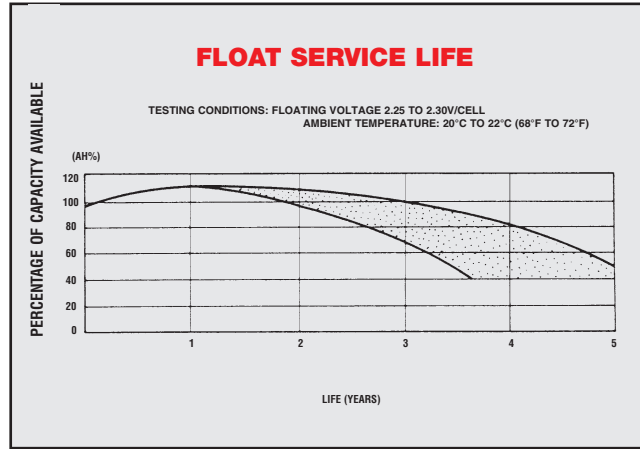
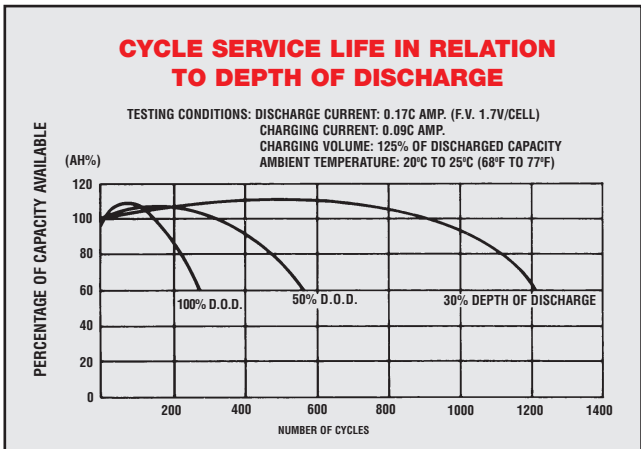
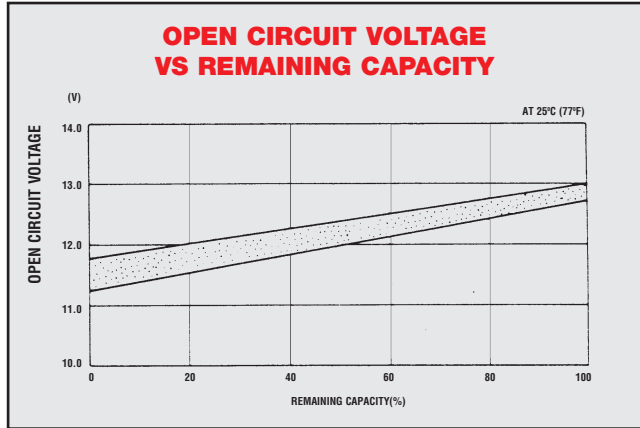
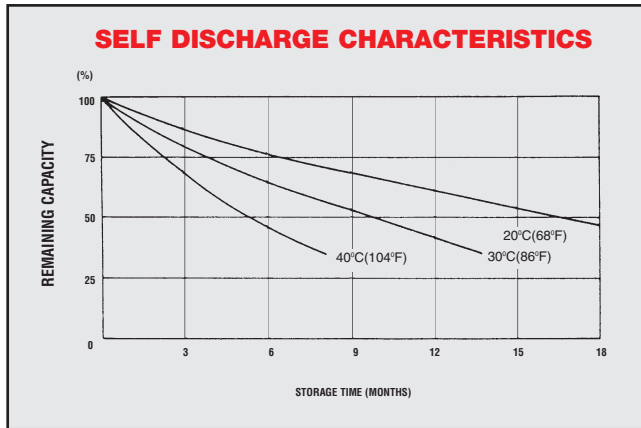
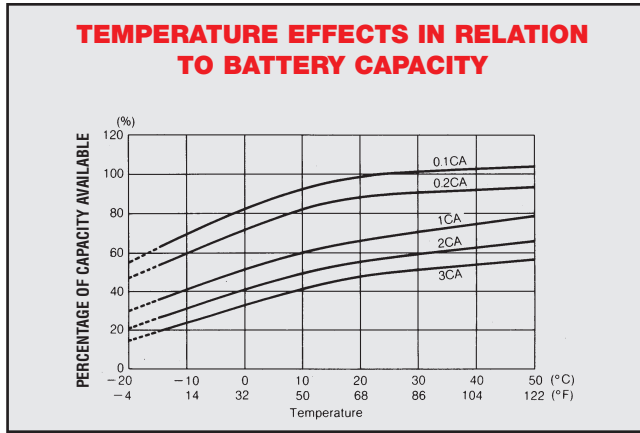
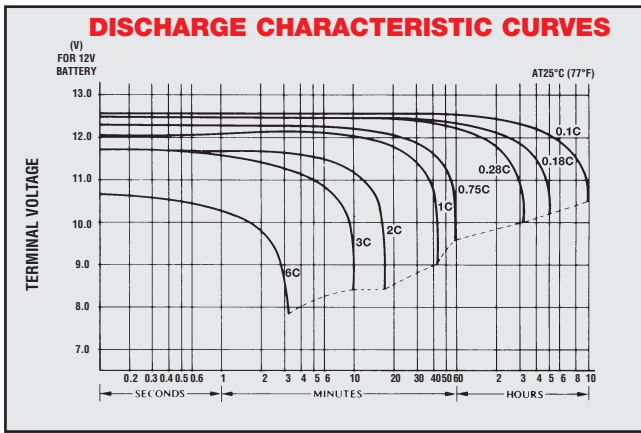
Terminal



DIMENSIONS: (INCHES)



RECOGNIZED BY UL, File No. MH 12970



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

CHARGING METHODS

Cycle use: Maximum charging current 0.80A
Charging voltage 14.4 to 15.0

Standby use: Float charging voltage 13.50 to 13.80V

CAUTION

- Avoid short circuit
- Do not charge in a sealed container.

Represented by:



Sales Offices

Eastern Region: 201-964-0118 • 1-800-962-1287

FAX 201-964-0720

Western Region: 562-949-4266 • 1-800-423-4667

FAX 562-949-5527

Corporate Office: P.O. Box 14145, Reading, PA 19612-4145

FAX 610-372-8613

Visit us on the web at:

www.enersysstationary.com

When ordering new batteries, also remember to properly recycle your old lead batteries. Federal and state regulations require lead-acid batteries be recycled. EnerSys' nationwide service organization can arrange pickup, transportation to and recycling at any one of our company affiliated smelters. Call 1-800-972-7372 for more information.

