

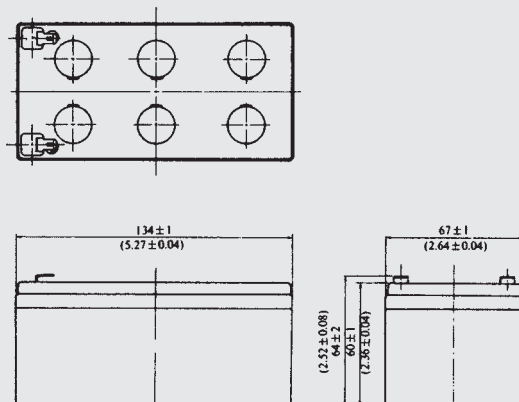
Independence™

SEALED RECHARGEABLE LEAD-ACID

B A T T E R I E S

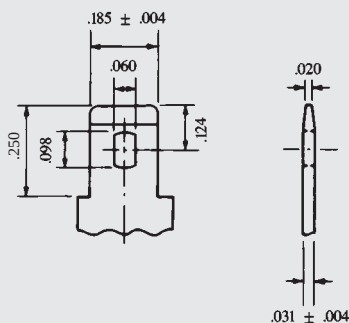


DIMENSIONS



DIMENSIONS: (INCHES)

TERMINAL



DIMENSIONS: (INCHES)

INCH = MM

.250	6.35
.185	4.70
.124	3.15
.098	2.49
.060	1.52
.031	0.79
.020	0.51
.004	0.10

NP2.6-12 NP2.6-12FR

12V, 2.6Ah

Specifications

NOMINAL VOLTAGE: 12V

NOMINAL CAPACITY:

20 hr. rate of 130 ma to 10.5V 2.6Ah

10 hr. rate of 240 ma to 10.5V 2.4Ah

5 hr. rate of 440 ma to 10.2V 2.2Ah

1 hr. rate of 1.60A ma to 9.60V 1.6Ah

WEIGHT (approx.): 2.42 pounds (1.1 kgs.)

ENERGY DENSITY (20 hr. rate):

0.95 WH/cubic inch (58 WH/liter)

SPECIFIC ENERGY (20 hr. rate):

13.0 WH/pound (28 WH/kg)

INTERNAL RESISTANCE OF CHARGE:

65 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:

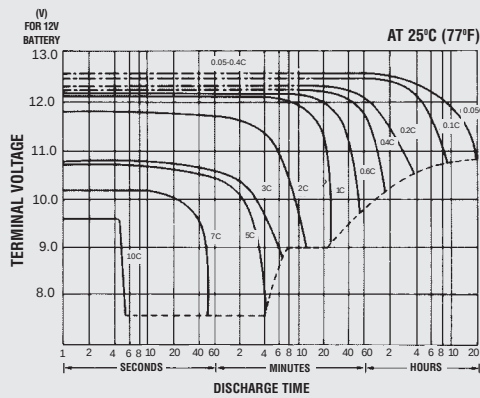
ABS Resin

OPTIONAL: Container and cover made from Flame Retardant ABS (UL94-V0/L.O.I.>28%)

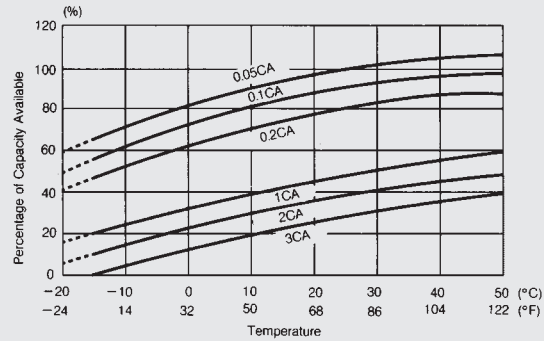


RECOGNIZED BY UL, File No. MH12970

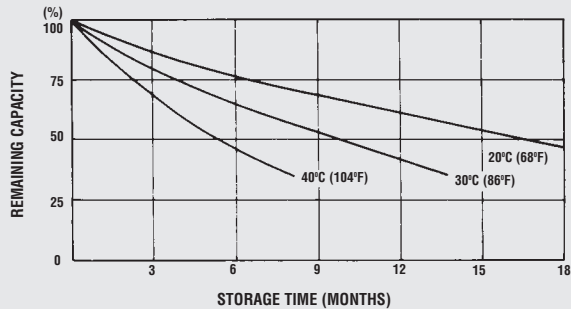
DISCHARGE CHARACTERISTIC CURVES



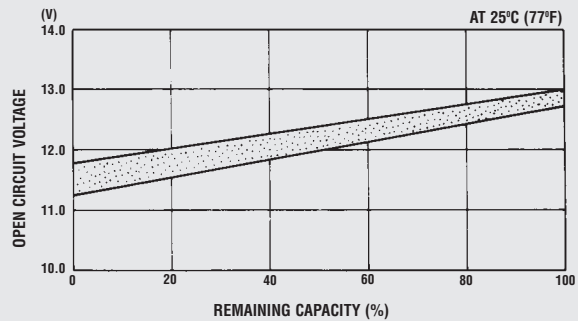
TEMPERATURE EFFECTS IN RELATION TO BATTERY CAPACITY



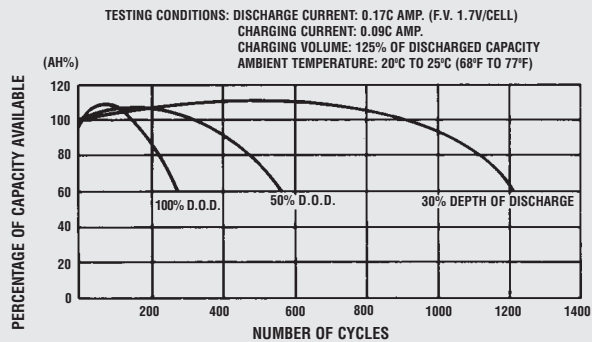
SELF DISCHARGE CHARACTERISTIC



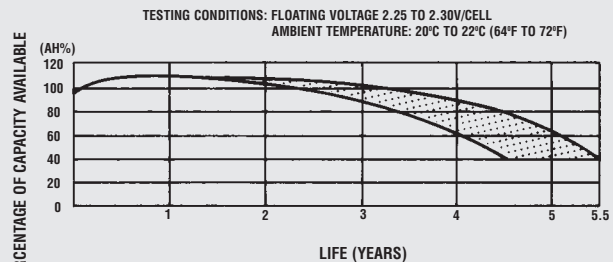
OPEN CIRCUIT VOLTAGE VS REMAINING CAPACITY



CYCLE SERVICE LIFE IN RELATION TO DEPTH OF DISCHARGE



FLOAT SERVICE LIFE



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

CHARGING METHODS (At 20°C)

Cycle use:

Maximum charging current 0.65A

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.

Represented by:

When ordering new batteries, also remember to properly recycle your old lead batteries. Federal and state regulations require lead-acid batteries be recycled. Yuasa's 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.



Power/Full Solutions™

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.yuasastationary.com

Please check our website for literature updates