

Specifications

• NOMINAL VOLTAGE: 12V

NOMINAL CAPACITY:

20 hr. rate of 1.64A to 10.5V 32.9Ah 10 hr. rate of 3.02A to 10.5V 30.2Ah 5 hr. rate of 5.7A to 10.2V 28.5Ah 1 hr. rate of 23.6A to 9.60V 23.6Ah

• WEIGHT (approx.): 24.0 pounds (10.9kgs)

• ENERGY DENSITY (20 hr. rate):

1.6 WH/cubic inch (98.8 WH/liter)

• SPECIFIC ENERGY (20 hr. rate):

16.5 WH/pound (36.2 WH/kg)

• INTERNAL RESISTANCE OF CHARGED BATTERY:

8.7 milliohms (approx.)

MAXIMUM DISCHARGE CURRENT WITH STANDARD TERMINALS:

150 amperes

MAXIMUM SHORT-DURATION DISCHARGE CURRENT:

500 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) at 68°F (20°C):

3 months 91%

6 months 85%

• LIFE EXPECTANCY:

CYCLE USE (approx.):

50% depth of discharge 550 cycles

• SEALED CONSTRUCTION:

Can be operated in any position

• STANDARD TERMINAL:

Universal or options in terminal diagram

• HOUSING MATERIAL: PP Resin

• OPTIONAL:

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



1 month 97%

STANDBY USE 3 to 5 years

100% depth of discharge 250 cycles 30% depth of discharge 1200 cycles

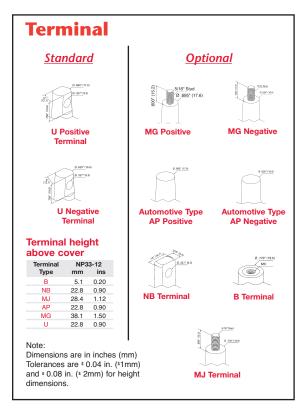
without leakage.

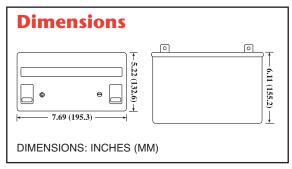
genesis

NP33-12 NP33-12FR

Sealed Rechargeable Lead-Acid Battery

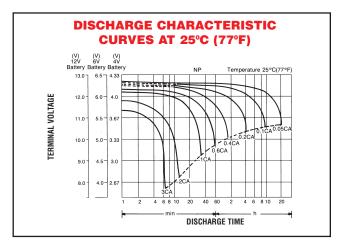
12V, 32.9Ah

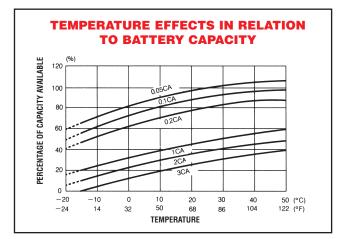


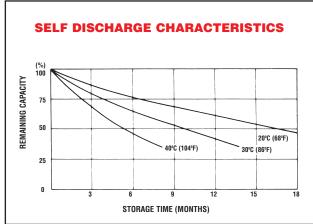


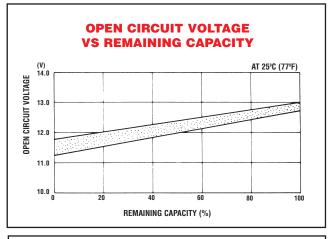


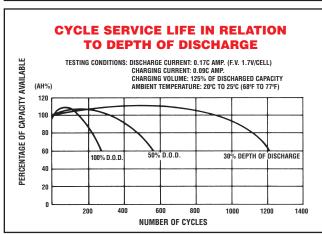
RECOGNIZED BY UL, File No. MH 14328

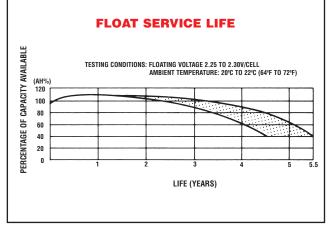












When the battery will be used by current in excess of 3C, consult with EnerSys prior to use.

CHARGING METHODS (At 20°C)

Cycle use: Maximum charging current 0.25C
Charging voltage 14.4 to 15.0V

CAUTION •Avoid short circuit Standby use: Float charging voltage 13.50 to 13.80V

•Do not charge in a sealed container.



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