

Sealed Lead Acid Battery

12 Volt – 110 Amp Hour

GPS12-370



Features

- Lead alloy with low calcium minimizes gassing and extends life of grid.
- Through unique active material recipes, plates after undergoing curing and tank formation provide outstanding energy density and ensure the quality of the battery.
- Using copper coated lead alloy battery terminals minimizes impedance of connecting cells inside.
- Case made of ABS resin and cells kept under internal pressure protects from outer shock or impact.
- Micro-porous AGM separator completely absorbs and retains electrolyte under the pressured cell design.
- Electrolyte sufficiently serves for electrochemical reactions in battery but never spills.
- Battery cases are sealed in epoxy and cells are covered with vents to avoid cell contamination with the atmosphere and serve for internal oxygen reaction.
- With very little gas evolution, the water loss is minimized and service life is extended. Excess pressure and gas will be released which ensures safety.
- Vent design is certificated by UL.

Applications

- UPS
- Communications
- Lighting
- Security & Alarm
- Medical Equipment
- Remote Monitoring
- Solar Energy Station
- Golf Carts
- Wheelchairs
- Motorcycles
- Scooters
- Riding Mowers
- Snowmobiles
- Water Sports

Transport

- Air transportation complies with IATA/ICAO special provision A67.
- Surface transport classification as non-hazardous material as related to DOT-49CFR173.159.
- Water transport classification as non-hazardous material per IMDG Amendment 27.

Specifications

Nominal Voltage (V)

12V

Nominal Capacity (20° C)

20hour rate (5.5A)	110 Ah
10hour rate (10.0A)	100 Ah
5hour rate (18.0A)	90 Ah
1hour rate	80 Ah

Weight

33.05kg (72.75Lbs.)

Internal Resistance (at 1KHz)

4.0 mΩ

Charge Retention (shelf life) at 25° C (77° F)

3 month	91%
6 month	82%
12 month	64%

Charging Methods at 25° C (77° F)

Cycle use:

Charging Voltage 14.4 to 15.0V

Maximum Charging Current: 40A

Standby use :

Float Charging Voltage 13.50 to 13.80V

Capacity Affected by Temperature:

40° C (104° F)	102%
25° C (77° F)	100%
0° C (32° F)	85%
-15° C (5° F)	65%

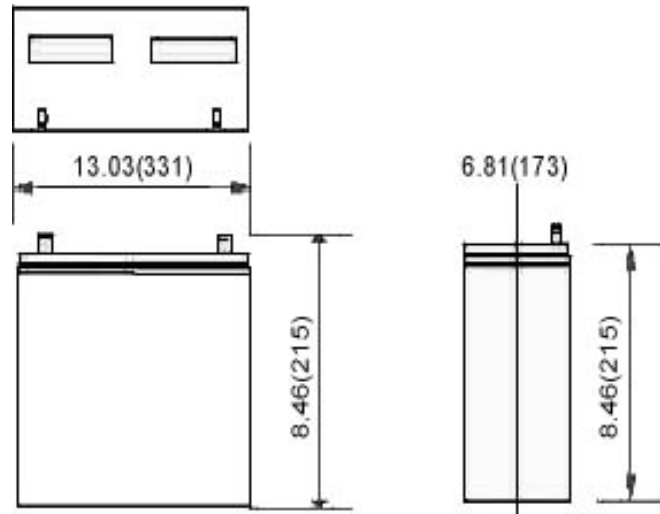
Run-Time at 25 Amps: 4Hrs, 16min

Construction:

Positive plate and negative plate – ABS
AGM separator, H2SO4 and valve

Terminal: Internal Thread

UL Listing: MH29055



unit: inch(mm)

