

HBDAGMGC6-A

Specification

| | | |
|-----------------------|-----------------------------------|-----------------------|
| Nominal Voltage | | 6V |
| Rated Capacity (25°C) | 20 Hour Rate (11.2A to 5.25Volts) | 224 Ah |
| | 10 Hour Rate (19.4A to 5.25Volts) | 194 Ah |
| | 5 Hour Rate (35.9A to 5.1 Volts) | 179 Ah |
| Reserve Capacity | @25A | 450 Minutes |
| | @75A | 120 Minutes |
| Dimensions | Length | 260 mm (10.24 inches) |
| | Width | 180 mm (7.09 inches) |
| | Height | 247 mm (9.72 inches) |
| | Total Height | 253 mm (9.96 inches) |
| Weight | | 29.5kg(65.04lbs) |



Characteristics

| Capacity Affected by Temperature (20 HR) | | | Self Discharge @ 25°C(77°F) | Max. Discharge Current @ 25°C(77°F) | Charging @ 25°C(77°F) (Constant Voltage) | | Internal Resistance @ 25°C(77°F) | Container material |
|--|-------------|--------------|-----------------------------|-------------------------------------|--|----------|----------------------------------|--------------------|
| 0°C (32°F) | 25°C (77°F) | 40°C (104°F) | | | Cycle | Float | | |
| 85% | 100% | 102% | <3% of capacity per month | 2000A(5S) | 7.20~7.35V | 6.8~6.9V | 1.4m Ω | ABS |

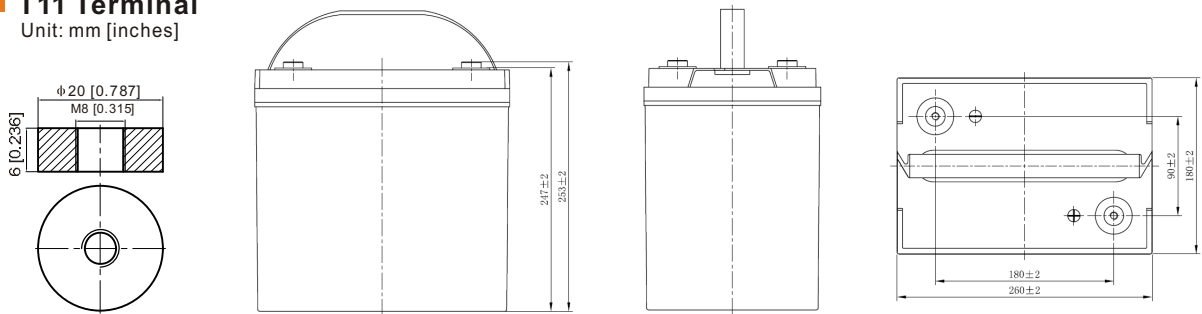
Typical Applications

- Golf cart
- Electric vehicle
- Solar
- Wheelchair
- Electric sightseeing car
- Electric scooter
- Electric forklift
- Scraper
- Marine
- Portable Medical device

Battery Structure and Size

■ T11 Terminal

Unit: mm [inches]

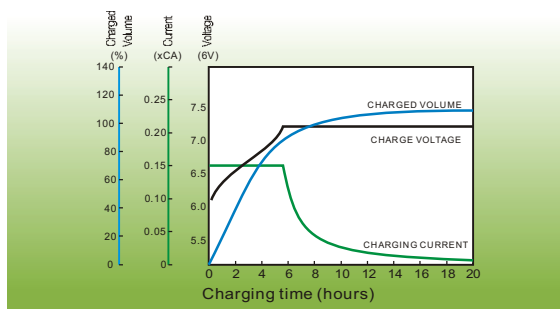


Key Features & Benefits

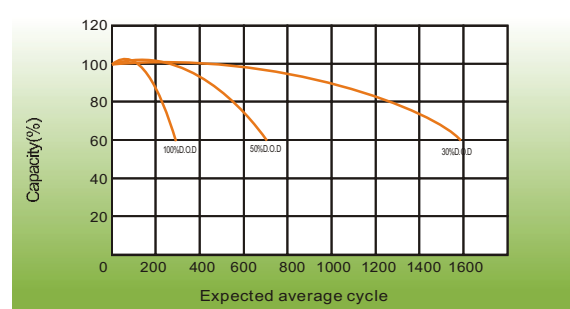
- Maintenance-free sealed construction, spill proof — safe and reliable.
- Strength-enhanced ABS container and compressed plate groups — better vibration and impact resistant.
- Special Lead-Calcium grid design — better corrosion resistant, deep discharge performance, higher capacity and longer cycle life.
- High porosity AGM separator — high oxygen recombination rate to ensure minimum gassing.
- Brass insert terminals — superior conductivity and high rate discharge performance.
- Low internal resistance — high charge acceptance and quick recharge.
- Low self discharge — longer shelf life than conventional batteries.

Performance Characteristics

Constant voltage charging characteristic (0.15CA, 25°C, 77°F)



Cycle life in relation to depth of discharge



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📍 Locations:

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PENNSYLVANIA 604 Drum Ave, Somerset, PA 15501
MICHIGAN 17612 Commerce St, New Boston, MI 48164
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