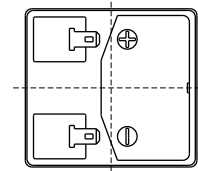
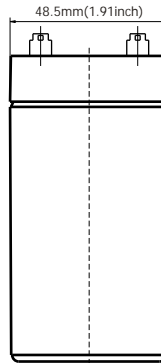
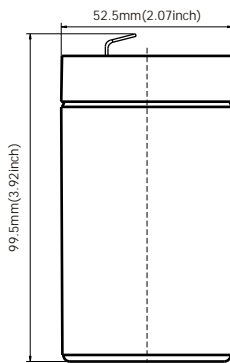


Terminal Dimensions



GT range

GASTON GT Range is the most standard and the first generation delicate product which is designed with AGM(Absorbent Glass Mat) technology, high performance plates and electrolyte. The definition of GT is coming from General purpose. Therefore, this range product has possessed various applications for common power backup system.

Application

- Alarm System
- Cable Television
- Communication Equipment
- Control Equipment
- Security System
- Medical Equipment
- UPS
- Power tools
- Emergency Power System
- Toys

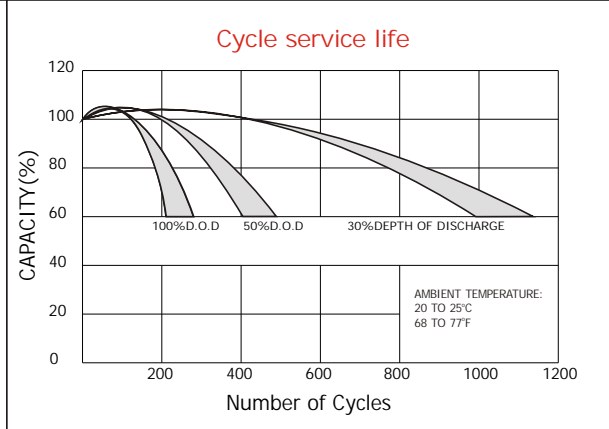
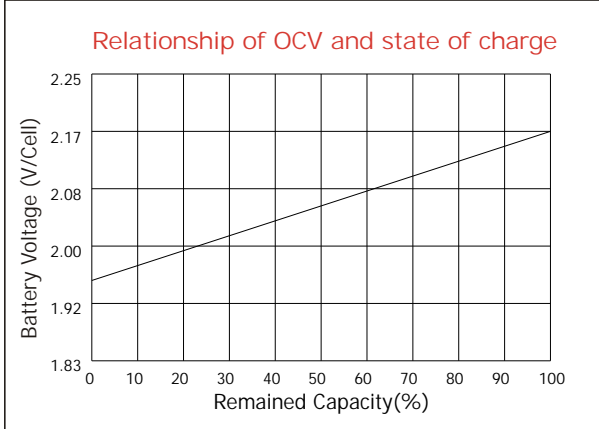
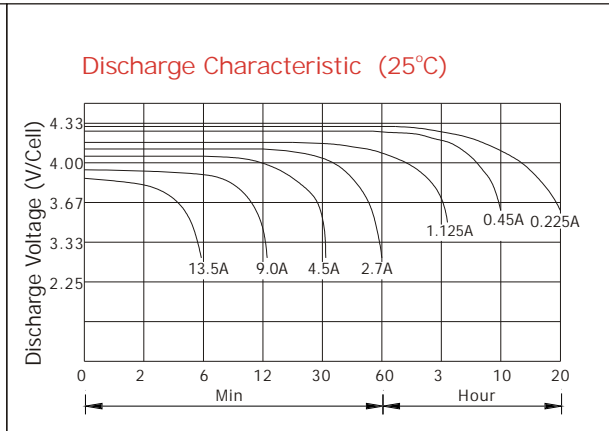
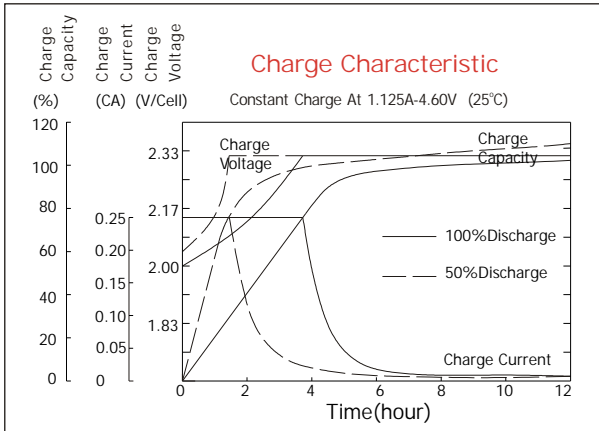
General Features

- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.
- Flexibility design for multiple install positions.

Construction

- ComponentRaw material
- PositiveLead dioxide
- NegativeLead
- ContainerABS
- CoverABS
- SealantEpoxy Resin
- Safety valveEPDR
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid

| | | | | |
|----------------------------------|---|--------------------|---------------------|------------------|
| Battery Model | GT 4-4.5A | | | |
| Designed Floating Life | 5 Years | | | |
| Capacity(25°C) | 20HR(0.225A,1.75V) | 10HR(0.428A,1.75V) | 5HR(0.76A,1.75V) | 1HR(2.93A,1.75V) |
| | 4.5AH | 4.28AH | 3.8AH | 2.93AH |
| Dimensions | Length | Width | Height | Total Height |
| | 52.5mm(2.07inch) | 48.5mm(1.91inch) | 93.5mm(3.68inch) | 99.5mm(3.92inch) |
| Approx. Weight | 0.60Kg (1.32lbs) | | | |
| Internal Resistance | Full charged at 25°C: 0.018 Ohm | | | |
| Self Discharge | 3% of capacity declined per month at (25°C) | | | |
| Capacity Affected by Temp.(20HR) | 40°C | 25°C | 0°C | -15°C |
| | 102% | 100% | 85% | 65% |
| Charge Voltage(25°C) | Cycle use | | Float use | |
| | 4.8-5.0V(-10mV/ °C), max. Current:1.35A | | 4.54-4.6V(-6mV/ °C) | |



Constant current discharge ratings-amperes at 25°C

| F. V/Time | 5MIN | 10MIN | 15MIN | 30MIN | 1HR | 3HR | 5HR | 10HR | 20HR |
|-----------|------|-------|-------|-------|------|------|------|------|------|
| 1.60V | 17.6 | 10.9 | 8.25 | 5.03 | 3.20 | 1.40 | 0.86 | 0.47 | 0.25 |
| 1.67V | 16.5 | 10.4 | 7.94 | 4.81 | 3.16 | 1.35 | 0.84 | 0.46 | 0.24 |
| 1.70V | 15.1 | 10.0 | 7.75 | 4.38 | 3.06 | 1.26 | 0.82 | 0.46 | 0.24 |
| 1.75V | 14.8 | 9.69 | 7.50 | 4.16 | 2.92 | 1.22 | 0.80 | 0.46 | 0.23 |
| 1.80V | 13.3 | 9.25 | 6.81 | 3.85 | 2.73 | 1.17 | 0.76 | 0.45 | 0.23 |
| 1.85V | 11.7 | 8.81 | 6.13 | 3.54 | 2.54 | 1.13 | 0.71 | 0.44 | 0.22 |

Constant power discharge ratings-watts at 25°C

| F. V/Time | 5MIN | 10MIN | 15MIN | 30MIN | 1HR | 3HR | 5HR | 10HR | 20HR |
|-----------|------|-------|-------|-------|------|------|------|------|------|
| 1.60V | 30.8 | 19.8 | 15.1 | 9.06 | 5.77 | 2.49 | 1.45 | 0.94 | 0.50 |
| 1.67V | 29.8 | 19.3 | 14.9 | 8.88 | 5.74 | 2.41 | 1.44 | 0.93 | 0.49 |
| 1.70V | 28.0 | 19.1 | 14.8 | 8.31 | 5.63 | 2.30 | 1.43 | 0.93 | 0.48 |
| 1.75V | 28.2 | 19.0 | 14.6 | 8.06 | 5.53 | 2.25 | 1.41 | 0.92 | 0.47 |
| 1.80V | 25.8 | 18.7 | 13.6 | 7.69 | 5.21 | 2.18 | 1.37 | 0.90 | 0.46 |
| 1.85V | 23.4 | 17.8 | 12.3 | 7.20 | 4.90 | 2.12 | 1.33 | 0.89 | 0.45 |

