

**Standard Terminal Dimensions**  
(Optional terminal please check terminal information page)

### GASTON GT

range is the most common 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.

### Applications

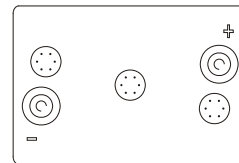
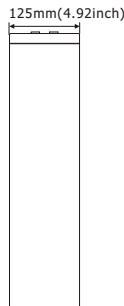
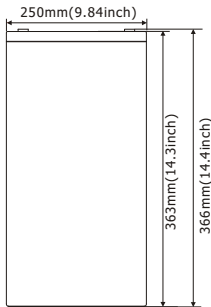
- |                           |                                        |
|---------------------------|----------------------------------------|
| Alarm System              | Medical Equipment                      |
| Cable Television          | UPS                                    |
| Communication Equipment   | Power Tool                             |
| Control Equipment         | Emergency Power System                 |
| Security System           | Stand-by Electric Power Control System |
| Emergency Lighting System |                                        |

### General Features

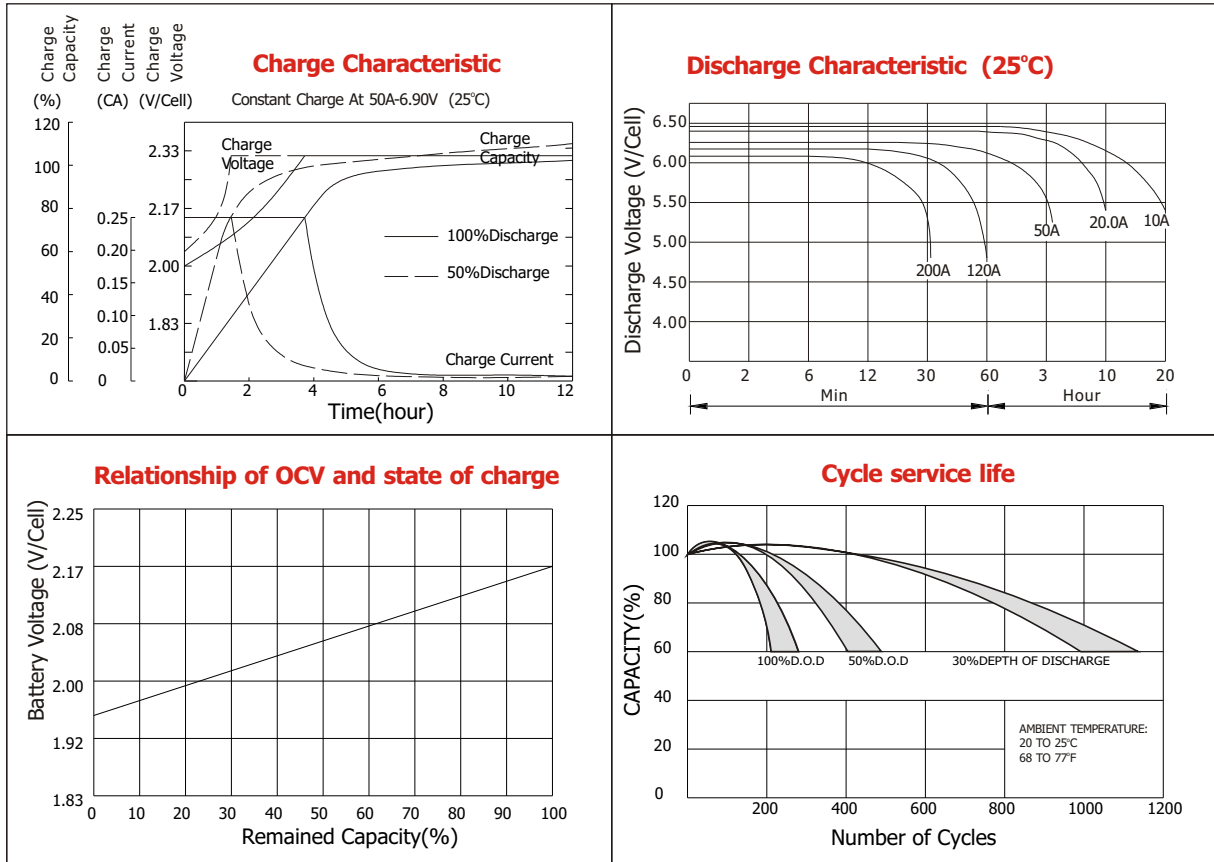
- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.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

### Construction

- |           |                   |              |                    |
|-----------|-------------------|--------------|--------------------|
| Component | .....Raw material | Sealant      | .....Epoxy Resin   |
| Positive  | .....Lead dioxide | Safety valve | .....EPDR          |
| Negative  | .....Lead         | Terminal     | .....Copper        |
| Container | .....ABS          | Separator    | .....Fiber glass   |
| Cover     | .....ABS          | Electrolyte  | .....Sulfuric acid |



Battery Model	GT 6-200M			
Designed Floating Life	12 Years			
Capacity(25°C)	20HR(10.1A,1.75V)	10HR(20A,1.75V)	5HR(34A,1.75V)	1HR(126A,1.75V)
	238Ah	207Ah	186Ah	139.7Ah
Dimensions	Length	Width	Height	Total Height
	250mm(9.84inch)	125mm(4.92inch)	363mm(14.3inch)	366mm(14.4inch)
Approx. Weight	36.5Kg (80.3 lbs)			
Internal Resistance	Full charged at 25°C: 0.003 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	
	7.2-7.5V(-15mV/ °C), max. Current: 50A		6.8-6.9V(-10mV/ °C)	



### Constant current discharge ratings-amperes at 20°C

F.V/Time	5MIN	10MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	696.1	443.5	240.3	144.4	58.0	38.0	20.8	12.0
1.67V	652.0	420.0	236.9	143.2	57.3	37.8	20.8	12.0
1.70V	567.6	380.5	233.1	142.0	56.9	37.4	20.7	11.8
1.75V	512.8	360.1	225.2	139.0	55.9	37.0	20.6	11.8
1.80V	500.0	347.4	214.7	136.0	54.8	36.6	20.4	11.5
1.83V	449.5	318.2	204.1	130.7	53.9	35.5	20.2	11.2
1.85V	408.0	297.9	197.2	127.0	53.0	35.0	20.0	11.0

### Constant power discharge ratings-watts at 20°C

F.V/Time	5MIN	10MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	1182	769	436	269	108	72.8	40.8	22.6
1.67V	1129	738	432	268	107	72.4	40.6	22.6
1.70V	1104	731	428	265	106	71.7	40.2	22.5
1.75V	1026	697	413	261	105	70.7	39.8	22.2
1.80V	924	637	391	256	103	69.7	39.2	21.9
1.83V	846	595	380	249	101	68.5	38.3	21.6
1.85V	787	564	371	240	100	67.7	38.0	21.3