

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

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

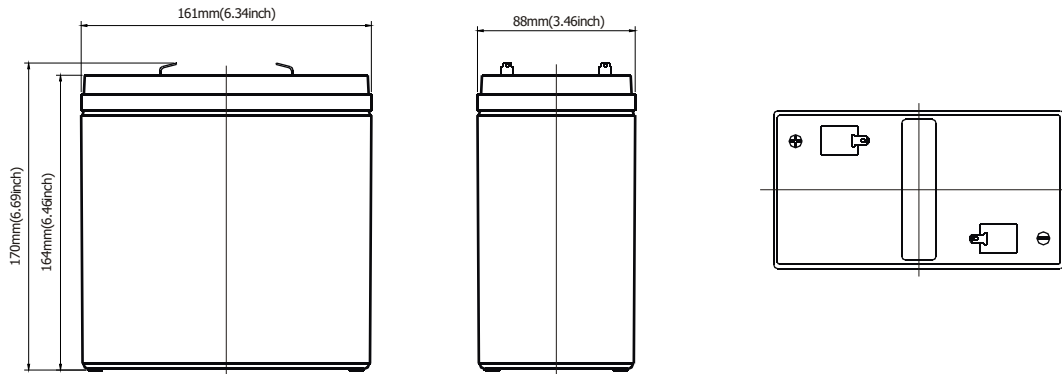
- | | |
|-------------------------|------------------------|
| Alarm System | Medical Equipment |
| Cable Television | UPS |
| Communication Equipment | Power tools |
| Control Equipment | Emergency Power System |
| Security System | Toys |

General Features

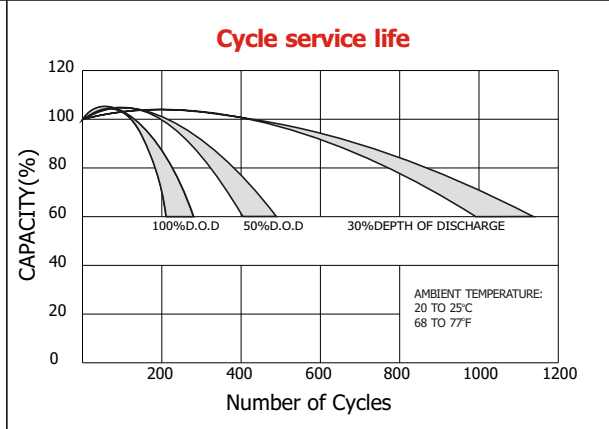
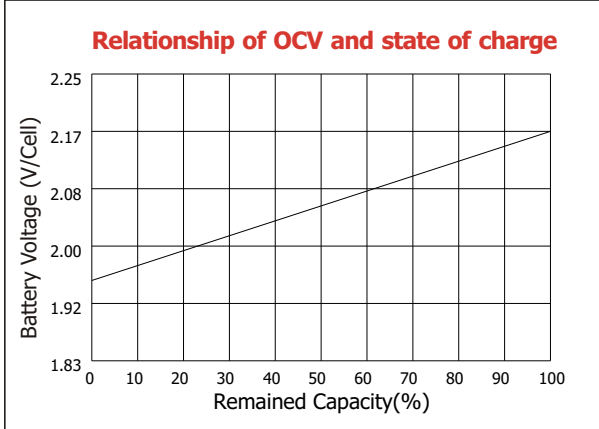
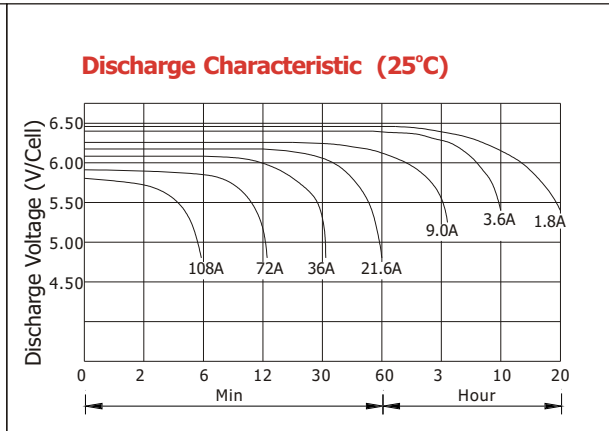
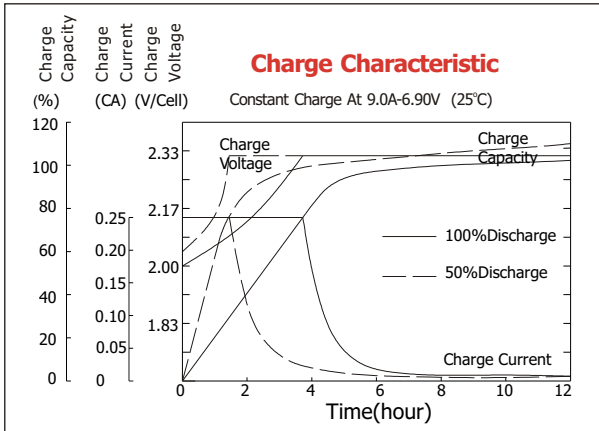
- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.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

Construction

- | | | | |
|-----------|-------------------|--------------|--------------------|
| 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 6-36			
Designed Floating Life	8 Years			
Capacity(25°C)	20HR(1.8A,1.75V)	10HR(3.35A,1.75V)	5HR(6.12A,1.75V)	1HR(22.7A,1.75V)
	36AH	33.5AH	30.6AH	22.7AH
Dimensions	Length	Width	Height	Total Height
	161mm(6.34inch)	88mm(3.46inch)	164mm(6.46inch)	170mm(6.69inch)
Approx. Weight	6.2Kg (13.67 lbs)			
Internal Resistance	Full charged at 25°C: 0.006 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: 9A		6.8-6.9V(-10mV/ °C)	



Constant current discharge ratings-amperes at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	126	86.4	63.0	37.8	23.8	9.83	6.87	3.80	1.90
1.67V	113	78.8	61.2	36.7	23.7	9.79	6.81	3.74	1.89
1.70V	108	76.0	59.0	36.0	23.7	9.79	6.81	3.71	1.89
1.75V	95.8	70.2	55.8	35.3	23.4	9.72	6.76	3.65	1.88
1.80V	86.4	65.2	53.3	34.2	23.1	9.68	6.70	3.62	1.82
1.85V	65.5	53.6	46.1	31.5	22.9	9.65	6.65	3.41	1.71

Constant power discharge ratings-watts at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	208	143	112	71.3	46.8	18.9	13.1	7.59	3.79
1.67V	197	141	111	69.8	45.3	18.9	13.1	7.48	3.78
1.70V	184	138	109	68.0	44.1	18.9	13.1	7.42	3.78
1.75V	171	129	102	66.2	43.7	18.6	13.0	7.32	3.76
1.80V	154	120	96.1	64.4	42.9	18.3	12.8	7.20	3.63
1.85V	123	99.4	83.9	59.0	42.5	18.3	12.6	6.90	3.52

