

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

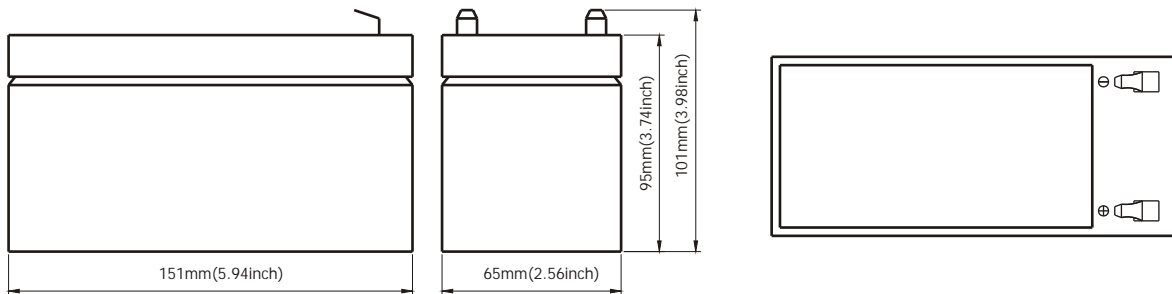
- Alarm System
- Medical Equipment
- Cable Television
- UPS
- Communication Equipment
- Power tools
- Control Equipment
- Emergency Power System
- Security System
- Toys

General Features

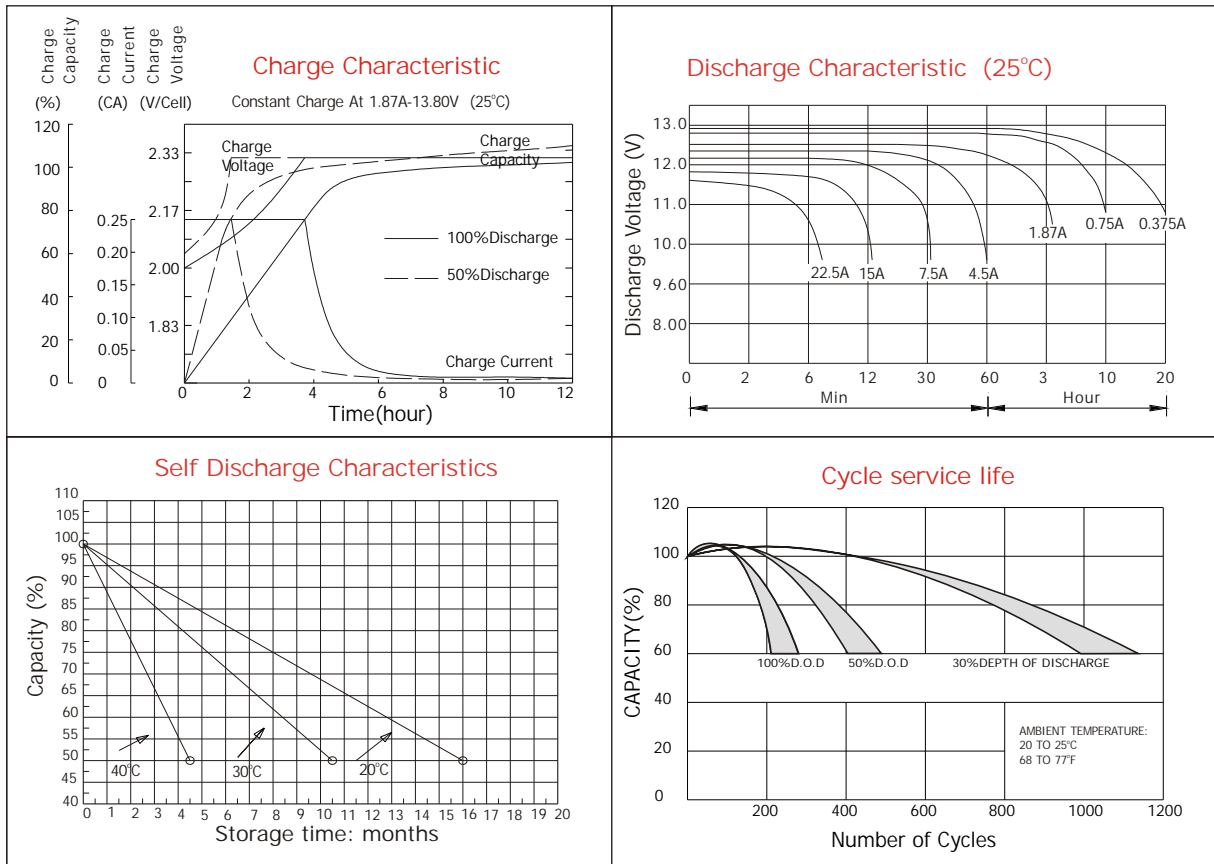
- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.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

Construction

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



Battery Model	GT12-7.5			
Designed Floating Life	5 Years			
Capacity(25°C)	20HR(0.375A,1.75V)	10HR(0.70A,1.75V)	5HR(1.14A,1.75V)	1HR(4.35A,1.75V)
	7.5AH	7.0AH	5.7AH	4.35AH
Dimensions	Length	Width	Height	Total Height
	151mm(5.94inch)	65mm(2.56inch)	95mm(3.74inch)	101mm(3.98inch)
Approx. Weight	2.60Kg (5.73 lbs)			
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	
	14.4-15V(-30mV/ °C), max. Current: 2.1A		13.6-13.8V(-20mV/ °C)	



Constant current discharge ratings-amperes at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	29.3	18.2	13.8	8.39	5.33	2.34	1.43	0.80	0.42
1.67V	27.5	17.3	13.2	8.02	5.26	2.25	1.40	0.79	0.41
1.70V	25.2	16.7	12.9	7.29	5.10	2.10	1.37	0.79	0.40
1.75V	24.7	16.1	12.5	6.93	4.86	2.03	1.34	0.78	0.39
1.80V	22.1	15.4	11.4	6.42	4.55	1.95	1.26	0.77	0.38
1.85V	19.5	14.7	10.2	5.91	4.24	1.88	1.18	0.76	0.37

Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	51.4	32.9	25.1	15.1	9.62	4.15	2.42	1.60	0.84
1.67V	49.6	32.1	24.8	14.8	9.56	4.02	2.41	1.59	0.81
1.70V	46.7	31.8	24.6	13.9	9.38	3.84	2.38	1.58	0.80
1.75V	47.0	31.7	24.4	13.4	9.22	3.75	2.35	1.56	0.78
1.80V	43.0	31.2	22.6	12.8	8.69	3.64	2.28	1.54	0.76
1.85V	39.0	29.6	20.5	12.0	8.17	3.53	2.21	1.52	0.73

