



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

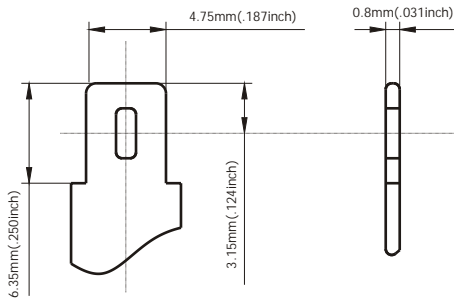
- Alarm System
- Cable Television
- Communication Equipment
- Control Equipment
- Security System
- Medical Equipment
- UPS
- Power tools
- Emergency Power System
- Toys

General Features

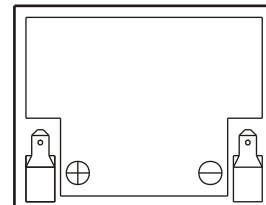
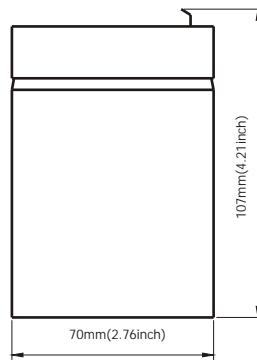
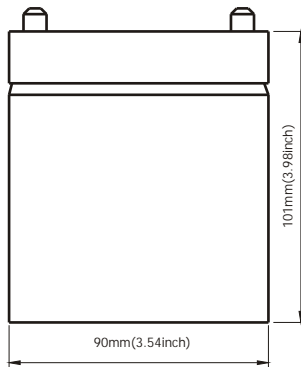
- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.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

Construction

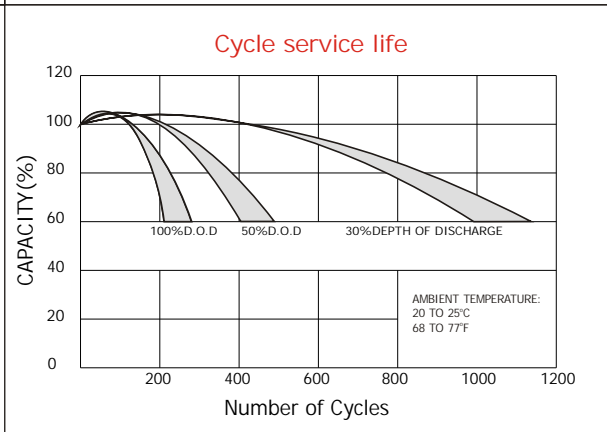
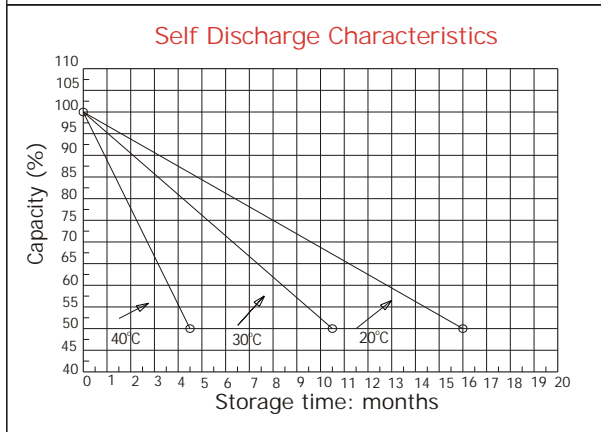
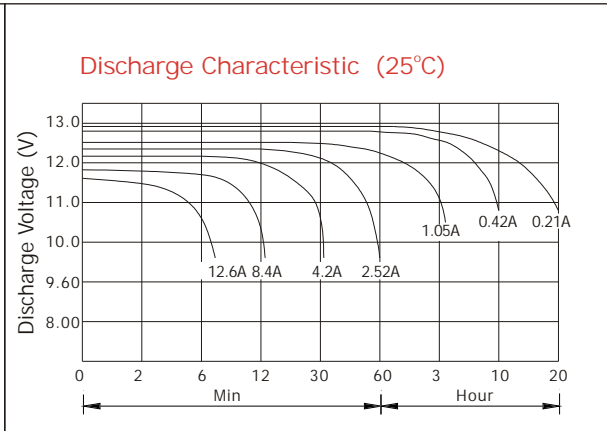
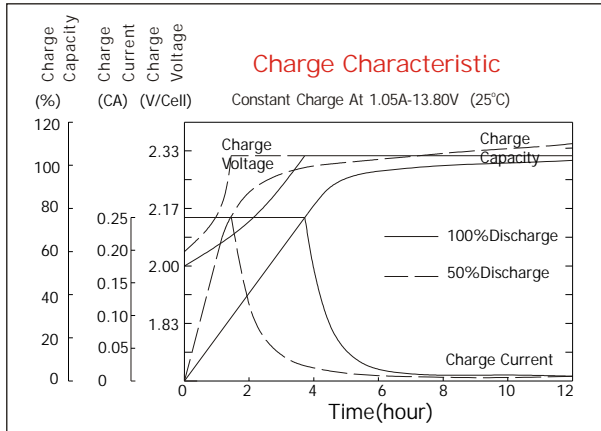
- ComponentRaw material
- PositiveLead dioxide
- NegativeLead
- ContainerABS
- CoverABS
- SealantEpoxy Resin
- Safety valveEPDR
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid



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



Battery Model	GT 12-4.2			
Designed Floating Life	5 Years			
Capacity(25°C)	20HR(0.21A,1.75V)	10HR(0.4A,1.75V)	5HR(0.71A,1.75V)	1HR(2.75A,1.75V)
	4.2AH	4AH	3.55AH	2.75AH
Dimensions	Length	Width	Height	Total Height
	90mm(3.54inch)	70mm(2.76inch)	101mm(3.98inch)	107mm(4.21inch)
Approx. Weight	1.56Kg (3.44 lbs)			
Internal Resistance	Full charged at 25°C: 0.035 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: 1.26A		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	16.4	10.2	7.70	4.70	2.98	1.31	0.80	0.44	0.24
1.67V	15.4	9.68	7.41	4.49	2.95	1.26	0.78	0.44	0.23
1.70V	14.1	9.33	7.23	4.08	2.86	1.18	0.77	0.44	0.22
1.75V	13.8	9.04	7.00	3.88	2.72	1.14	0.75	0.43	0.22
1.80V	12.4	8.63	6.36	3.59	2.55	1.09	0.71	0.42	0.21
1.85V	10.9	8.23	5.72	3.31	2.37	1.05	0.66	0.42	0.21

Constant power discharge ratings-watts at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	28.8	18.4	14.1	8.46	5.39	2.32	1.35	0.89	0.47
1.67V	27.8	18.0	13.9	8.28	5.35	2.25	1.35	0.88	0.45
1.70V	26.2	17.8	13.8	7.76	5.25	2.15	1.33	0.87	0.45
1.75V	26.3	17.7	13.7	7.53	5.16	2.10	1.32	0.86	0.44
1.80V	24.1	17.5	12.7	7.18	4.87	2.04	1.28	0.85	0.43
1.85V	21.8	16.6	11.5	6.72	4.58	1.98	1.24	0.84	0.41

