GT General Range

GT2-10 2V10AH/C20

GT range

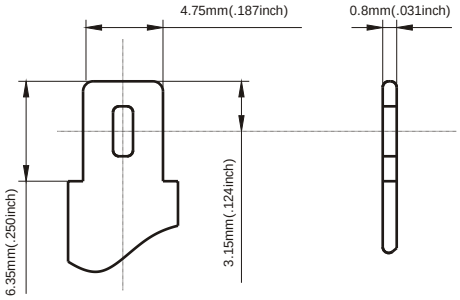
GASTON GT Range is the most standard and the first generation delicate product which is designed with AGM(Absorbent Glass Mat) technology, high performance plates and electrolyte. The definition of GT is coming from General purpose. Therefore, this range product has possessed various applications for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

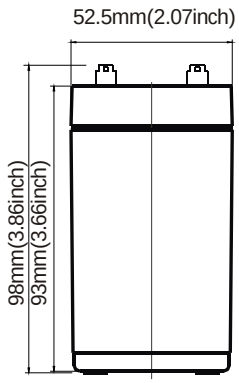
- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.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

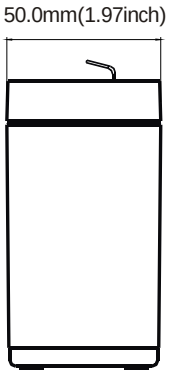


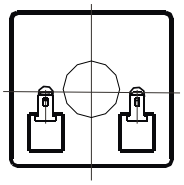
Terminal Dimensions

Construction

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







Battery Model	GT 2-10			
Designed Floating Life	5 Years			
Capacity(25℃)	20HR(0.5A,1.75V)	10HR(0.95A,1.75V)	5HR(1.7A,1.75V)	1HR(6.5A,1.75V)
	10AH	9.5AH	8.5AH	6.5AH
Dimensions	Length	Width	Height	Total Height
	52.5mm(2.07inch)	50mm(1.97inch)	93mm(3.66inch)	98mm(3.86inch)
Approx. Weight	0.41Kg (0.904 lbs)			
Internal Resistance	Full charged at 25℃: 0.008 Ohm			
Self Discharge	3% of capacity declined per month at (25℃)			
Capacity Affected by Temp.(20HR)	40℃	25℃	0℃	-15℃
	102%	100%	85%	65%
Charge Voltage(25℃)	Cycle use		Float use	
	2.4-2.5V(-5mV/ ℃), max. Current: 3A		2.27-2.3V(-3mV/ ℃)	

GasTon™ BATTERY

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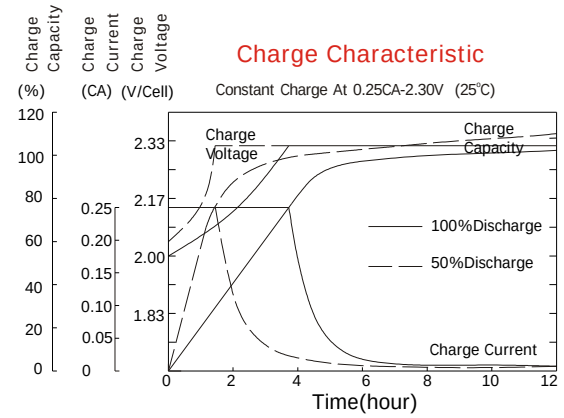

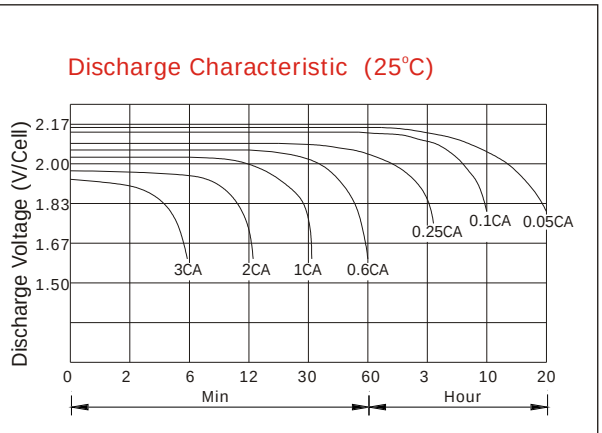

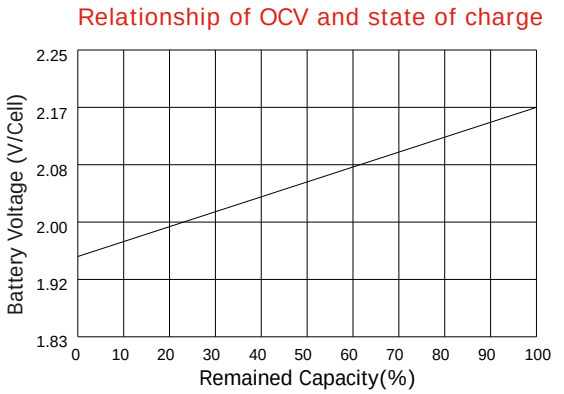

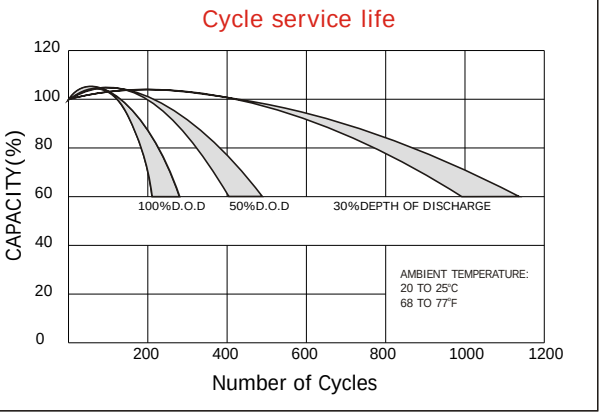

Constant current discharge ratings-amperes at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	39.1	24.3	18.3	11.2	7.11	3.12	1.91	1.07	0.56
1.67V	36.7	23.1	17.6	10.7	7.01	3.00	1.87	1.06	0.54
1.70V	33.6	22.2	17.2	9.72	6.80	2.80	1.83	1.05	0.53
1.75V	32.9	21.5	16.7	9.24	6.48	2.71	1.79	1.04	0.52
1.80V	29.5	20.6	15.1	8.56	6.07	2.60	1.68	1.02	0.51
1.85V	26.0	19.6	13.6	7.88	5.65	2.51	1.57	1.01	0.49

Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	68.5	43.9	33.5	20.1	12.8	5.53	3.22	2.13	1.12
1.67V	66.1	42.8	33.1	19.7	12.7	5.36	3.21	2.12	1.08
1.70V	62.3	42.4	32.8	18.5	12.5	5.12	3.17	2.11	1.07
1.75V	62.7	42.2	32.5	17.9	12.3	5.00	3.14	2.08	1.04
1.80V	57.3	41.6	30.1	17.1	11.6	4.85	3.04	2.05	1.01
1.85V	52.0	39.5	27.3	16.0	10.9	4.71	2.94	2.03	0.97