



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

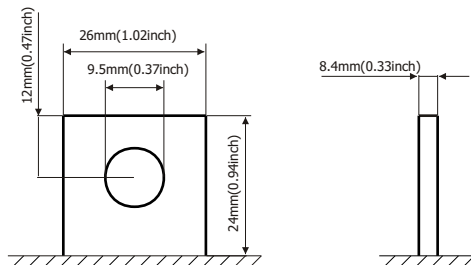
- Alarm System
- Medical Equipment
- Cable Television
- UPS
- Communication Equipment
- Power Tool
- Control Equipment
- Emergency Power System
- Security System
- Stand-by Electric Power Control System
- Emergency Lighting System

General Features

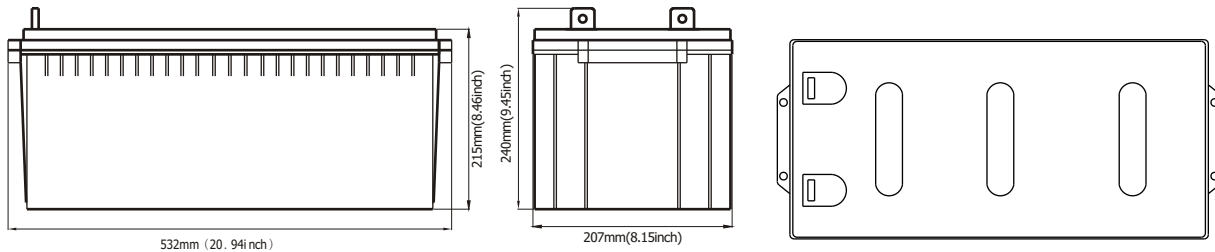
- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.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

Construction

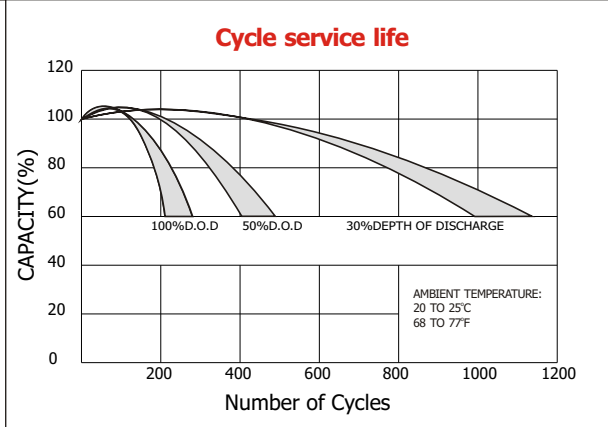
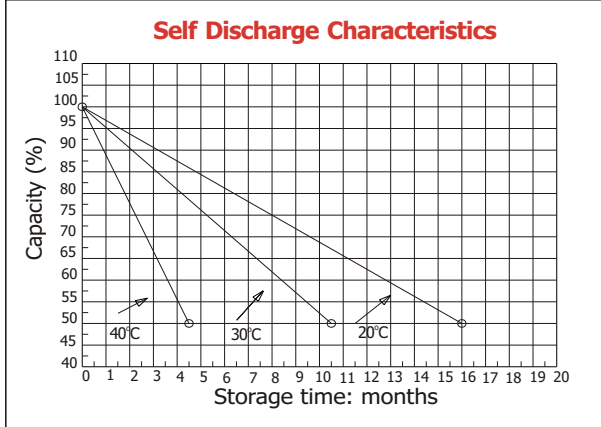
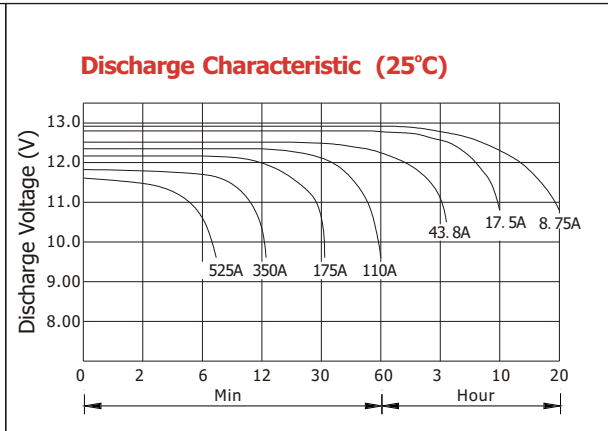
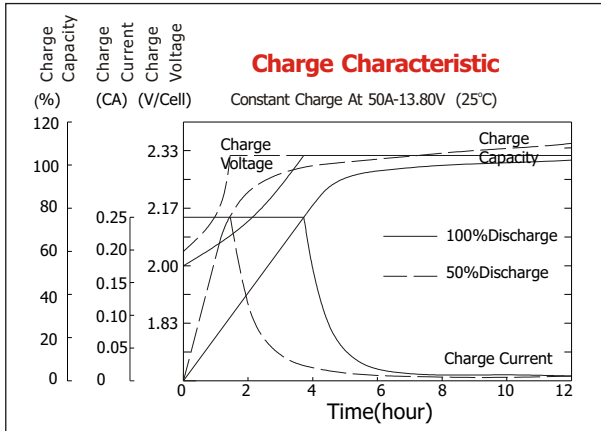
- ComponentRaw material
- SealantEpoxy Resin
- PositiveLead dioxide
- Safety valveEPDR
- NegativeLead
- TerminalLead
- ContainerABS
- SeparatorFiber glass
- CoverABS
- ElectrolyteSulfuric acid



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



Battery Model	GT 12-200S			
Designed Floating Life	8 Years			
Capacity(25°C)	20HR(10.1A,1.75V)	10HR(20A,1.75V)	5HR(34A,1.75V)	1HR(126A,1.75V)
	182Ah	175Ah	149Ah	110Ah
Dimensions	Length	Width	Height	Total Height
	532mm(20.94inch)	207mm(8.15inch)	215mm(8.46inch)	240mm(9.45inch)
Approx. Weight	51.5Kg (114.4 lbs)			
Internal Resistance	Full charged at 25°C: 4.5mOhm			
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: 45A		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	595	408	298	179	114	47.0	32.9	18.6	9.5
1. 67V	536	372	289	173	114	46.8	32.5	18.3	9.5
1. 70V	508	359	279	170	113	46.8	32.5	18.1	9.4
1. 75V	452	332	264	167	112	46.4	32.3	17.9	9.3
1. 80V	408	308	252	162	110	46.3	32.0	17.5	9.1
1. 85V	309	253	218	149	109	46.1	31.7	17.2	8.6

Constant power discharge ratings-watts at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1. 60V	981	677	527	337	224	90.3	62.8	37.1	19.0
1. 67V	930	668	522	330	216	90.3	62.8	36.6	18.9
1. 70V	869	651	513	321	211	90.3	62.8	36.3	18.9
1. 75V	809	609	483	313	209	88.6	62.1	35.6	18.8
1. 80V	726	566	454	304	205	87.7	61.1	35.0	18.2
1. 85V	581	469	396	279	203	86.9	60.2	34.4	17.3

