



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

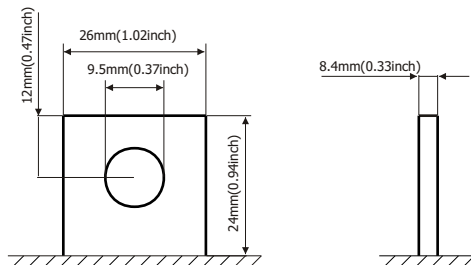
- Alarm System
- Medical Equipment
- Cable Television
- UPS
- Communication Equipment
- Power Tool
- Control Equipment
- Emergency Power System
- Security System
- Stand-by Electric Power Control System
- Emergency Lighting System

General Features

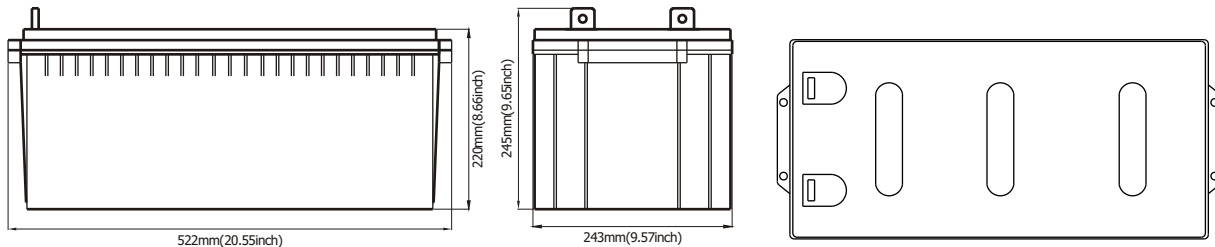
- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.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

Construction

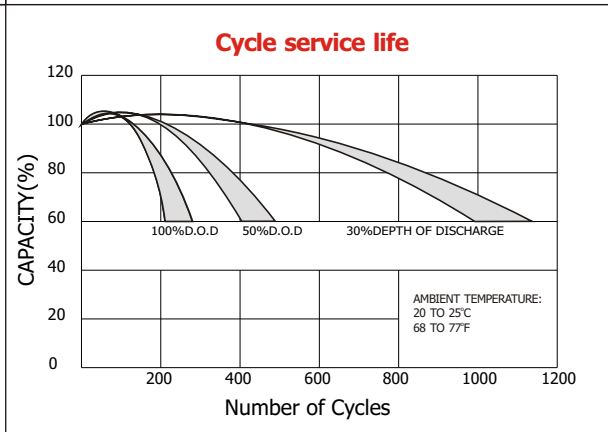
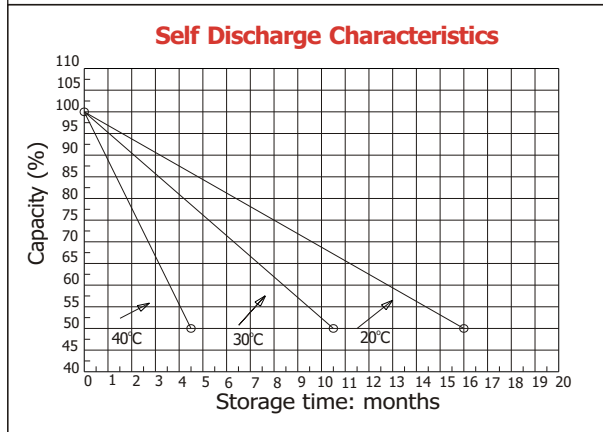
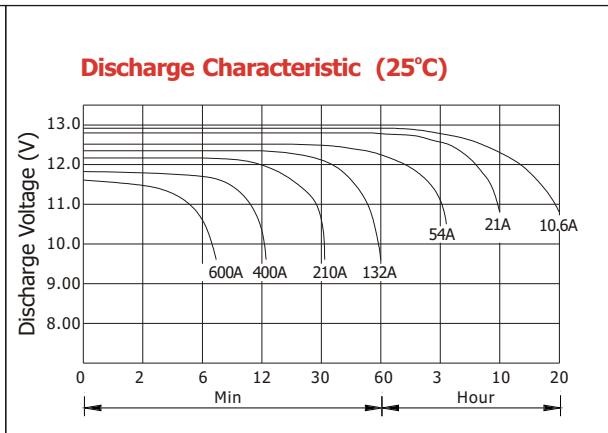
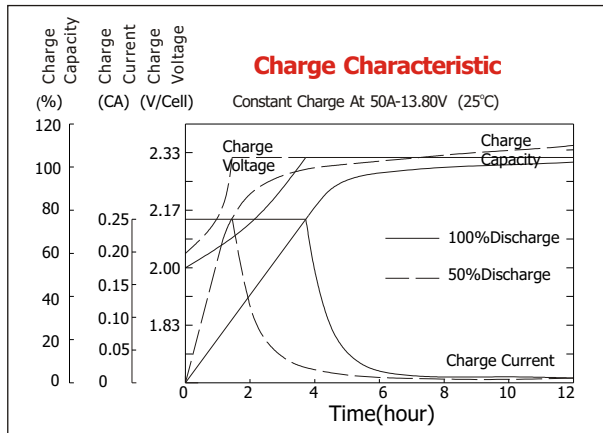
- ComponentRaw material
- SealantEpoxy Resin
- PositiveLead dioxide
- Safety valveEPDR
- NegativeLead
- TerminalLead
- ContainerABS
- SeparatorFiber glass
- CoverABS
- ElectrolyteSulfuric acid



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



Battery Model	GT 12-210			
Designed Floating Life	10 Years			
Capacity(25°C)	20HR(10.6A,1.75V)	10HR(21A,1.75V)	5HR(35.6A,1.75V)	1HR(132A,1.75V)
	212Ah	210Ah	178Ah	132Ah
Dimensions	Length	Width	Height	Total Height
	522mm(20.55inch)	243mm(9.57inch)	220mm(8.66inch)	245mm(9.65inch)
Approx. Weight	64Kg (140.80 lbs)			
Internal Resistance	Full charged at 25°C: 0.004 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: 50A		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/cell	735	504	368	221	139	57.3	40.1	22.3	11.0
1.67V/cell	662	460	357	214	139	57.1	39.7	21.9	12.1
1.70V/cell	628	443	344	210	138	57.1	39.7	21.7	13.1
1.75V/cell	559	410	326	206	137	56.7	39.4	21.4	14.2
1.80V/cell	504	380	311	200	134	56.5	39.1	21.0	10.6
1.85V/cell	382	313	269	184	133	56.3	38.7	20.7	10.4

Constant power discharge ratings-watts at 25°C

F.V/Time	5min	10min	15min	20min	1h	3h	5h	10h	20h
1.60V/cell	1212	836	651	416	273	110	76.7	44.5	22.2
1.67V/cell	1149	825	645	407	264	109	76.7	43.9	22.1
1.70V/cell	1073	804	634	397	257	108	76.7	43.6	22.1
1.75V/cell	1000	752	596	386	255	107	75.8	42.7	21.9
1.80V/cell	897	699	561	376	250	106	74.6	42.0	21.2
1.85V/cell	718	580	489	344	248	106	73.5	41.3	20.8

