

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

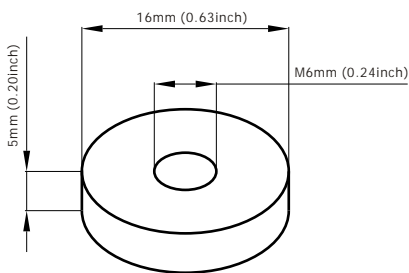
- Alarm System
- Cable Television
- Communication Equipment
- Control Equipment
- Security System
- Emergency Lighting System
- Medical Equipment
- UPS
- Power Tool
- Emergency Power System
- Stand-by Electric Power Control System

General Features

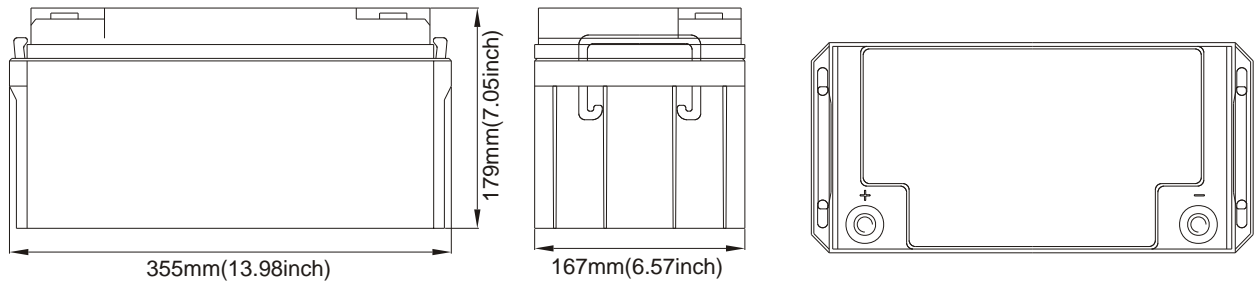
- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.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

Construction

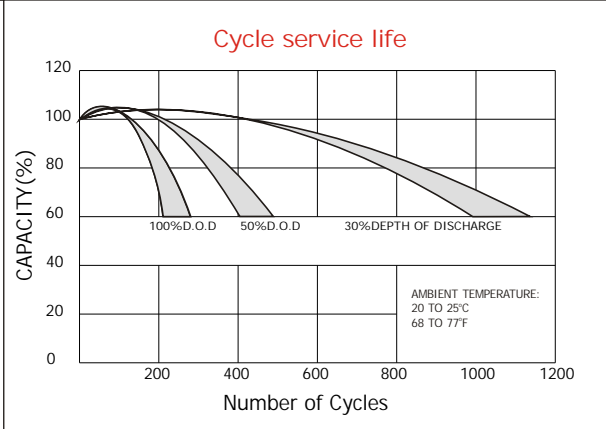
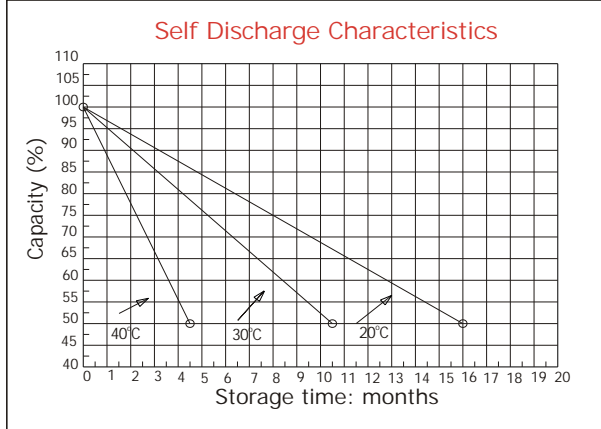
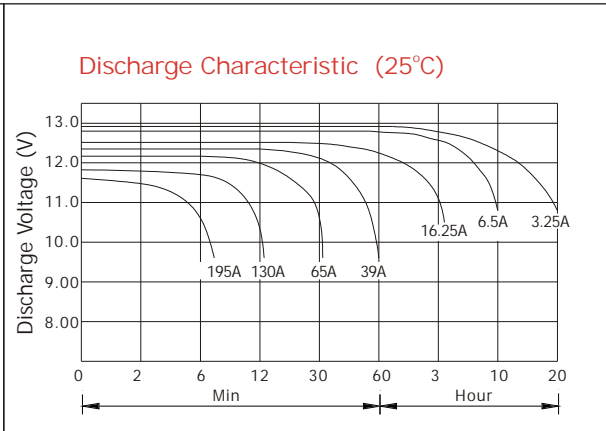
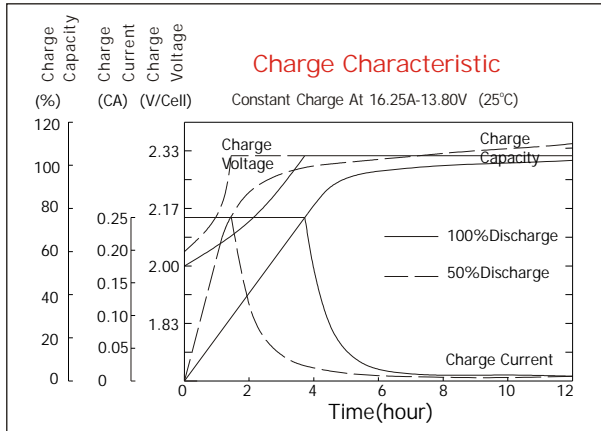
- ComponentRaw material
- PositiveLead dioxide
- NegativeLead
- ContainerABS
- CoverABS
- SealantEpoxy Resin
- Safety valveEPDR
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid



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



Battery Model	GT 12-70S			
Designed Floating Life	8 Years			
Capacity(25°C)	20HR(3.5A,1.75V)	10HR(6.65A,1.75V)	5HR(12.2A,1.75V)	1HR(42.3A,1.75V)
	70Ah	66.5Ah	61Ah	42.3Ah
Dimensions	Length	Width	Height	Total Height
	350mm(13.78inch)	166mm(6.54inch)	176mm(6.93inch)	176mm(6.93inch)
Approx. Weight	22.7Kg (50.05 lbs)			
Internal Resistance	Full charged at 25°C: 0.006 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: 20A		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	228	156	114	68.3	42.9	17.7	12.4	6.89	3.43
1.67V	205	142	111	66.3	42.8	17.7	12.3	6.79	3.41
1.70V	194	137	107	65.0	42.7	17.7	12.3	6.74	3.41
1.75V	173	127	101	63.7	42.3	17.6	12.2	6.62	3.40
1.80V	156	118	96.2	61.8	41.7	17.5	12.1	6.51	3.28
1.85V	118	96.9	83.2	56.8	41.3	17.4	12.0	6.39	3.20

Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	375	259	202	129	84.5	34.1	23.7	13.8	6.85
1.67V	356	255	200	126	81.7	34.1	23.7	13.6	6.83
1.70V	332	249	196	123	79.6	34.1	23.7	13.5	6.83
1.75V	309	233	185	120	78.8	33.5	23.5	13.2	6.80
1.80V	278	216	174	116	77.5	33.1	23.1	13.0	6.56
1.85V	222	179	151	107	76.8	33.0	22.8	12.8	6.41

