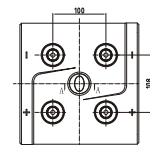
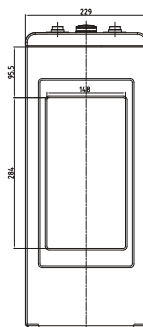
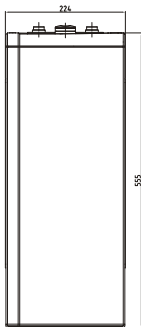


Terminal Dimensions



GASTON GTS

Range utilizes thick grids of modern technology so as to guarantee the design life up to 15 years. Advanced micro porous absorbent glass mat (AGM) separator, minimizing diffusion of oxygen into the separator, reduces float charge current which suppresses the corrosion rate of the positive grid, and extends the life of the battery.

Applications

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

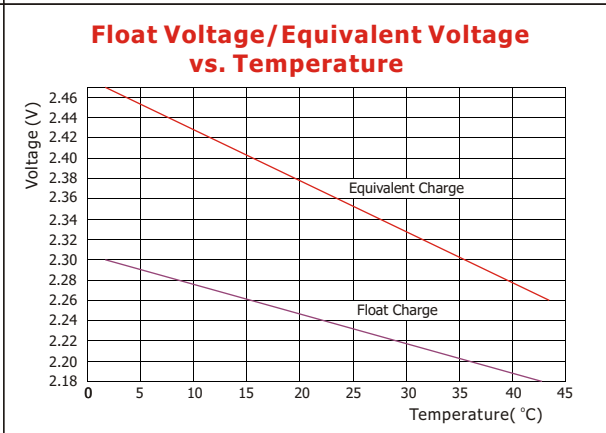
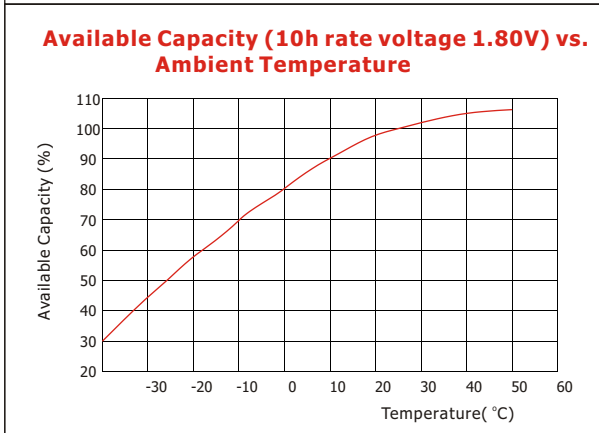
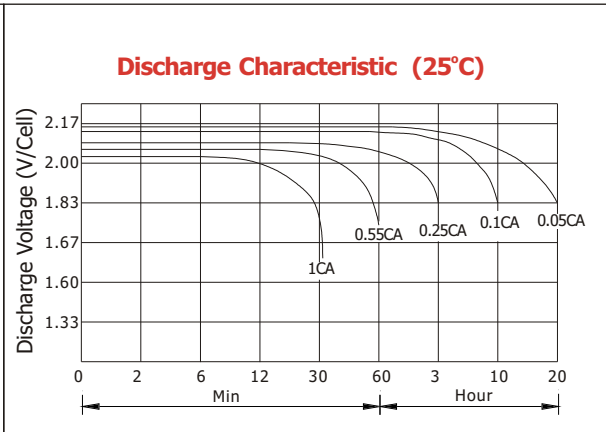
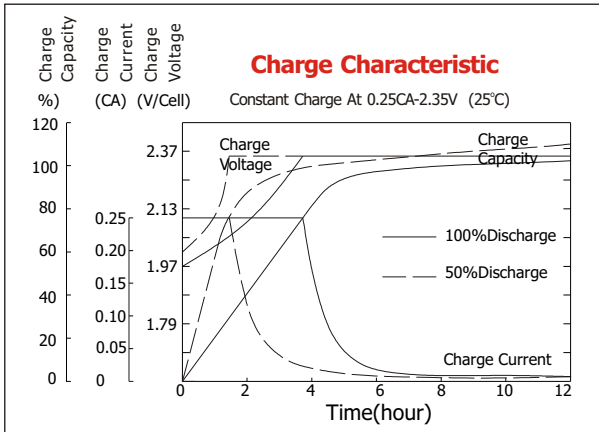
General Features

- Extra long life service design (up to 15 years).
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- Higher safety & reliable construction.
- 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

Battery Model	GTS-1200E			
Designed Floating Life	15 Years			
Capacity(25°C)	10HR(120A,1.80V)	3HR(300A,1.80V)	1HR(660A,1.75V)	
	1200Ah	900Ah	660Ah	
Dimensions	Length	Width	Height	Total Height
	225mm [8.86inch]	229mm [9.02inch]	555mm [21.85inch]	566mm [22.28inch]
Approx. Weight	75Kg (165 lbs)			
Internal Resistance	Full charged at 25°C: 0.00018 Ohm			
Self Discharge	Storing for 90d capacity retention is over 94% (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	105%	100%	85%	68%
Charge Voltage(25°C)	Cycle use		Float use	
	2.35V-2.40V@25°C(-5mV/°C), max. Current: 300A		2.23V @ 25°C (-3mV/°C)	



Constant current discharge ratings-amperes at 25°C (A)

F. V/Time	5MIN	15MIN	30MIN	1HOUR	2HOUR	3HOUR	5HOUR	8HOUR	10HOUR	24HOUR
1.60V	1738	1462	1188	783	481	353	231	156	129	59.8
1.65V	1629	1376	1084	739	468	344	228	154	128	58.9
1.70V	1531	1302	991	702	451	328	222	152	126	58.7
1.75V	1444	1226	914	663	435	321	219	150	125	58.2
1.80V	1365	1143	855	630	422	314	214	147	124	56.9
1.83V	1264	1052	798	594	404	304	210	146	123	56.9
1.85V	1172	972	752	556	380	288	200	141	119	55.3
1.88V	1076	880	696	505	353	271	191	136	114.0	53.6
1.90V	960	768	625	460	318	257	181	128	108.0	51.6
1.94V	864	698	574	413	284	220	160	115.0	98.0	46.0

Constant power discharge ratings-watts at 25°C (W/Cell)

F. V/Time	5MIN	15MIN	30MIN	1HOUR	2HOUR	3HOUR	5HOUR	8HOUR	10HOUR	24HOUR
1.60V	2984	2510	2075	1513	962	714	486	348	288	126.6
1.65V	2880	2432	1994	1466	923	696	474	340	281	124.2
1.70V	2784	2368	1929	1410	886	682	464	335	278	121.8
1.75V	2670	2266	1814	1330	847	668	456	328	276	120.6
1.80V	2550	2136	1695	1224	816	648	444	320	271	118.8
1.83V	2400	1998	1584	1145	786	634	432	312	266	117
1.85V	2249	1866	1464	1049	756	612	420	302	257	114
1.88V	2097	1715	1320	960	718	578	408	294	250	111
1.90V	1890	1512	1197	889	682	558	392	283	242	106.8
1.94V	1710	1382	1058	802	628	511	358	254	218	105.6