

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

GASTON GTS

Special PP plastic with steel casing outside and extra thick design for battery plate, GTS-L range maximizes an outstanding performance to 20 years service life and deep cycle capacity, offering an ideal solution for large capacity value regulated lead-acid battery's requirements with a compact, quick and simple installation process.

Applications

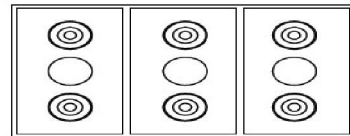
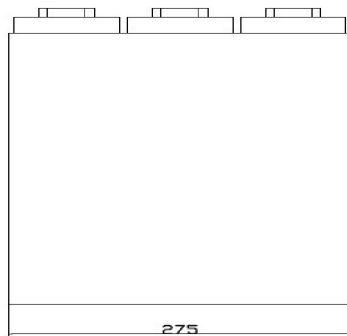
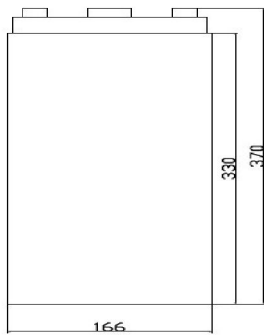
- Telecommunication-Central Office
- Telecommunications-Outside Plant
- Telecommunications-Wireless
- Photovoltaic Solar System
- UPS & BESS
- Electric Utility
- Emergency Power System

General Features

- Sealed and maintenance free operation.
- Non-Spillable construction design.
- PP 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
- ContainerPP
- CoverPP
- SealantHeated
- Safety valveEPDR
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid

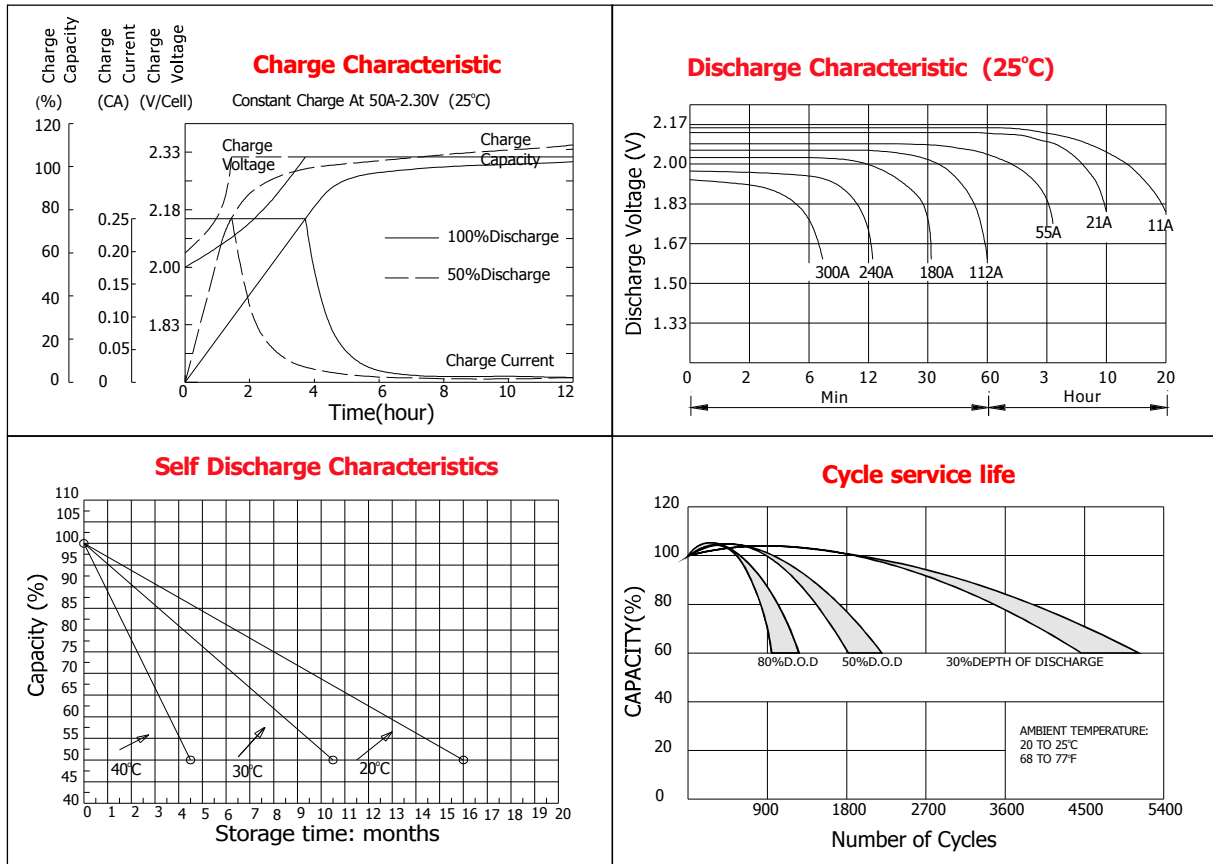


Battery Model	GTS6-200LS			
Designed Floating Life	20 Years			
Capacity(25°C)	20HR(11A,1.75V)	10HR(21A,1.75V)	5HR(36A,1.75V)	1HR(112A,1.75V)
	220Ah	210Ah	180Ah	112Ah
Dimensions	Length	Width	Height	Total Height
	275mm(10.83inch)	165mm(6.50inch)	330mm(12.99inch)	370mm(14.57inch)
Approx. Weight	41.3Kg (91.05 lbs)			
Internal Resistance	Full charged at 25°C: 0.003 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	
	2.35V(-5mV/ °C)		2.23-2.27V(-4mV/ °C)	



GTS LongLife Range

GTS6-200LS 6V200Ah/C₁₀



Constant current discharge ratings-amperes at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	357	323	295	203	124	57.0	38.4	22.0	11.9
1.67V	356	320	296	206	121	55.0	37.0	21.6	11.5
1.70V	298	262	244	181	120	54.2	37.3	21.1	11.3
1.75V	270	250	230	174	112	52.8	36.3	21.1	10.9
1.80V	246	220	208	160	112	51.6	35.5	20.3	10.7
1.87V	210	190	176	148	104	48.8	34.0	20.0	10.0

Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	576	490	417	298	186	98.0	68.2	39.9	22.6
1.67V	526	455	403	289	181	98.0	68.0	39.6	22.4
1.70V	505	441	394	287	181	98.0	67.8	39.4	22.1
1.75V	466	418	369	279	179	97.0	67.6	39.3	22.1
1.80V	451	407	359	274	174	93.2	65.2	38.7	21.7
1.87V	382	350	308	236	164	86.6	62.2	37.1	21.1