

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

GT-G range applies the advanced GEL design and the purity fumed silica to form sulfuric acid thixotropic Gel, and fills the batteries with vacuum to ensure complete penetration of electrolyte through separators and plates pastes.

This range battery has excellent cycling capability and superior float life to meet the requirement of frequent cyclic and high temperature application such as Cable TV, Telecommunication, broadband, PVs etc.

Applications

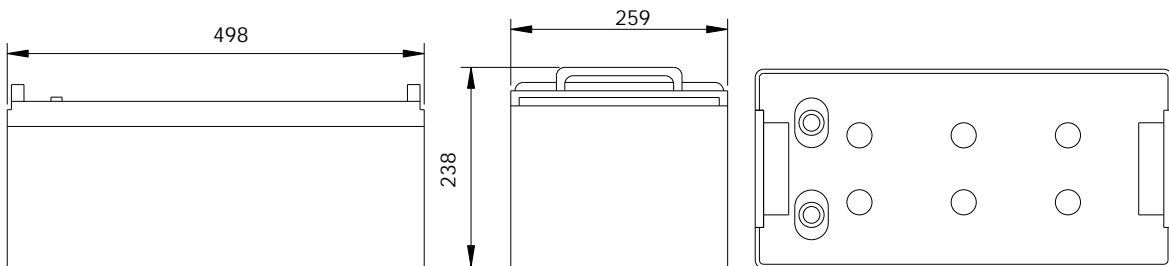
- Broadband
- Electric Powered Vehicle
- UPS
- Photovoltaic & Solar System
- Telecommunication
- Cable TV
- Medical Equipments
- Golf Cars and Buggies

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
- SealantHeat sealed
- Safety valveEPDR
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid

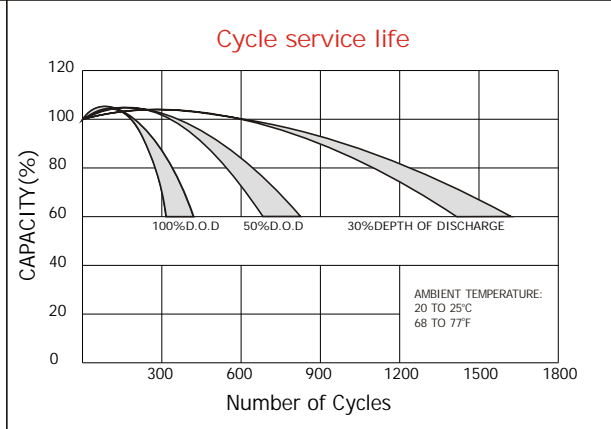
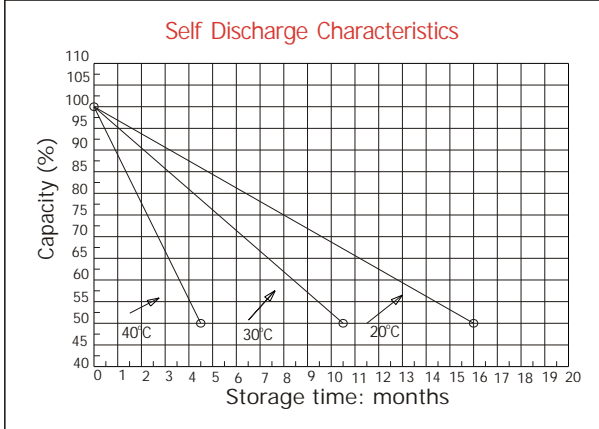
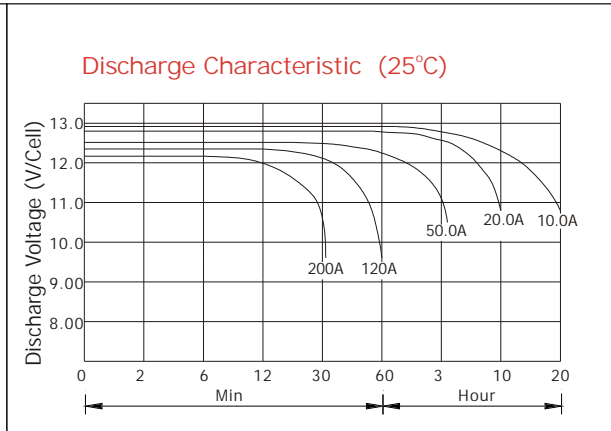
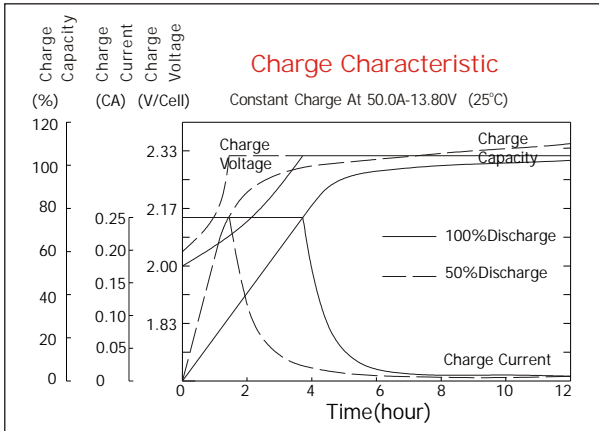


Battery Model	GT12-200MG			
Designed Life	12 Years (Floating) or > 750 Cycles @ 50% D.O.D			
Capacity(25°C)	20HR(10.1A,1.75V)	10HR(20A,1.75V)	5HR(36.4A,1.75V)	1HR(115A,1.75V)
	204Ah	200Ah	182Ah	115Ah
Dimensions	Length	Width	Height	Total Height
	498mm(19.60inch)	259mm(10.20inch)	218mm(8.58inch)	238mm(9.37inch)
Approx. Weight	74.5Kg (163.9 lbs)			
Internal Resistance	Full charged at 25°C: 0.0028 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
	105%	100%	85%	68%
Charge Voltage(25°C)	Cycle use		Float use	
	14.4-15V(-30mV/ °C), max. Current: 50A		13.6-13.8V(-20mV/ °C)	



GT-G Range

GT12-200MG 12V200AH/C20



Constant current discharge ratings-amperes at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	670	465	344	206	122	55.8	36.8	20.6	10.6
1.67V	610	425	323	202	121	55.2	36.5	20.3	10.4
1.70V	590	410	316	200	120	55.0	36.4	20.2	10.4
1.75V	532	378	300	195	115	54.4	36.4	20.0	10.2
1.80V	480	352	284	190	110	54.0	36.0	19.6	10.0
1.85V	424	305	264	180	100	48.0	34.0	19.0	9.90

Constant power discharge ratings-watts at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	905	700	529	345	199	95.0	65.8	38.5	21.5
1.67V	897	696	526	344	199	94.7	65.7	38.5	21.5
1.70V	894	695	525	343	198	94.7	65.7	38.5	21.5
1.75V	884	694	520	342	198	94.2	65.5	38.3	21.5
1.80V	864	684	511	339	195	93.2	65.2	38.0	21.3
1.85V	784	642	492	328	185	89.7	63.3	37.3	20.7