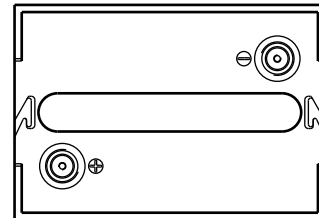
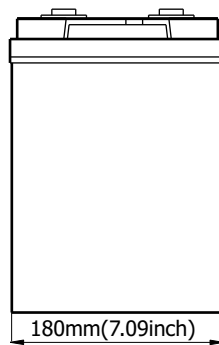
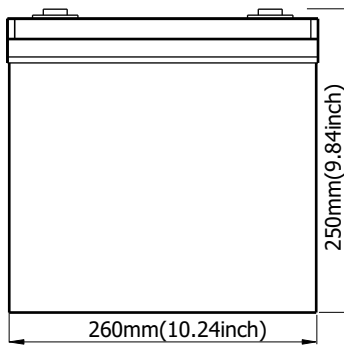


Standard Terminal Dimensions
(Optional terminal please check terminal information page)



AGM and Gel

Range batteries uses the advanced GEL design which combines the best features of AGM and GEL construction into one battery line, and the purity fumed silica to form sulfuric acid thixotropic Gel and fills to the batteries with vacuum to ensure the fully penetration of electrolyte through separators and plates pastes.

This range battery are designed to meet the requirement of frequent cyclic and high temperature application such as boardband, PVs etc.

Application

- | | |
|-----------------------------|-----------------------|
| Broadband | Electric Powered Toys |
| Electric Powered Vehicles | Control System |
| UPS | Vacuum Cleaners |
| Photovoltaic & Solar system | Medical Equipments |
| | Golf Cars and Buggies |
| | Wheel Chairs |

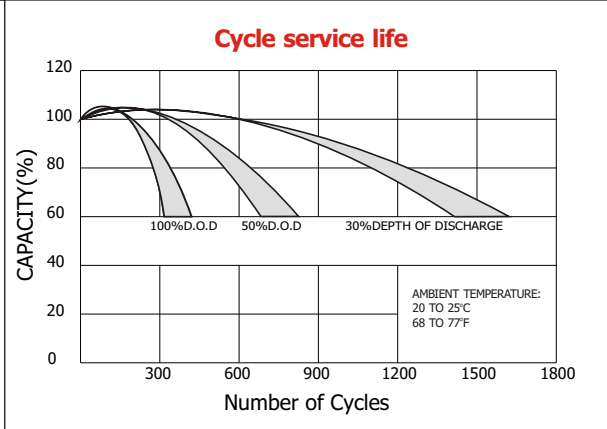
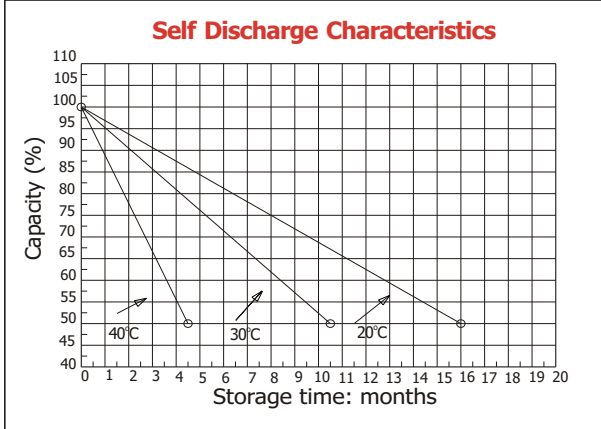
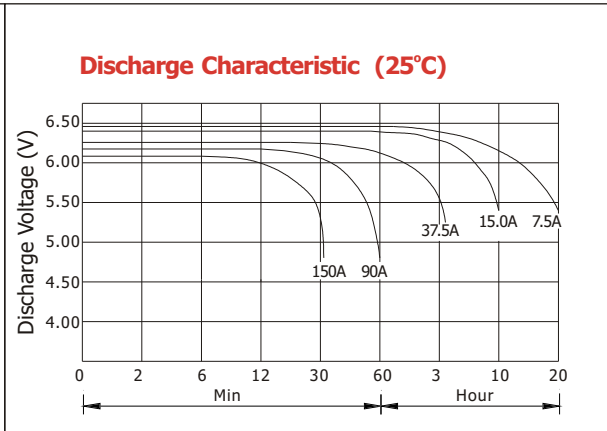
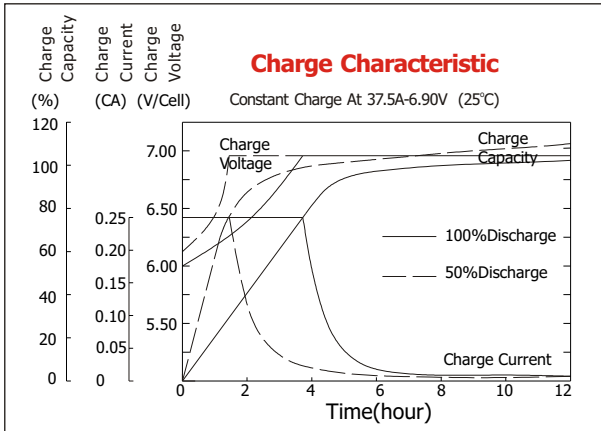
General Features

- Ideal for cyclic uses
- Good tolerance to higher temperature applications.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- Higher safety & reliable construction.
- Extra durability and deep cycle ability for heavy demand applications.
- Low self discharge characteristic.
- Good tolerance to higher temperature applications.

Construction

- | | | | |
|-----------|-------------------|--------------|------------------------------------|
| Component |Raw material | Sealant |Epoxy Resin |
| Positive |Lead dioxide | Safety valve |EPDR |
| Negative |Lead | Terminal |Copper |
| Container |ABS | Separator |AGM |
| Cover |ABS | Electrolyte |sulfuric acid thixotropic Gel |

Battery Model	GT 6-150AG			
Designed Floating Life	8 Years			
Capacity(25°C)	20HR(7.8A,1.75V)	10HR(15A,1.75V)	5HR(27A,1.75V)	1HR(95A,1.75V)
	156AH	150AH	135AH	95AH
Dimensions	Length	Width	Height	Total Height
	260mm(10.24inch)	180mm(7.09inch)	245mm(9.65inch)	250mm(9.84inch)
Approx. Weight	24.0Kg (52.9 lbs)			
Internal Resistance	Full charged at 25°C :0.0035 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	
	7.2-7.4V(-15mV/ °C), max. Current: 37.5A		6.8-6.9(-10mV/ °C)	



Constant current discharge ratings-amperes at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	600	374	282	172	108	47.4	29.0	15.8	8.53
1.67V	563	354	271	164	107	45.6	28.4	15.6	8.23
1.70V	516	342	265	149	103	42.6	27.8	15.6	8.10
1.75V	506	331	256	142	98.5	41.1	27.2	15.5	7.89
1.80V	453	316	233	131	92.2	39.5	25.5	15.2	7.68
1.85V	400	301	209	121	85.9	38.1	23.9	15.0	7.46

Constant power discharge ratings-watts at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	1053	674	514	309	195	84.1	49.0	32.4	17.0
1.67V	1016	657	508	303	194	81.5	48.8	32.2	16.4
1.70V	957	651	504	284	190	77.8	48.1	32.0	16.2
1.75V	963	649	499	275	187	76.0	47.7	31.6	15.8
1.80V	881	639	463	263	176	73.8	46.2	31.2	15.4
1.85V	799	607	420	246	166	71.5	44.8	30.8	14.8

