

Rocked line designed with front terminal, GT-FA range extends service life to 10 years for normal standby and float service applications, offering high reliability and delivering superior performance while occupying less space and increasing energy density, and its total front access facilitates easy maintenance and installation.

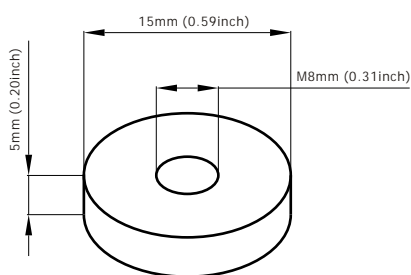


Applications

- Telecom
- Control Equipment
- Railroad Signal
- Communication Equipment
- Medical Equipment
- Electric Utility/Switchgear

General Features

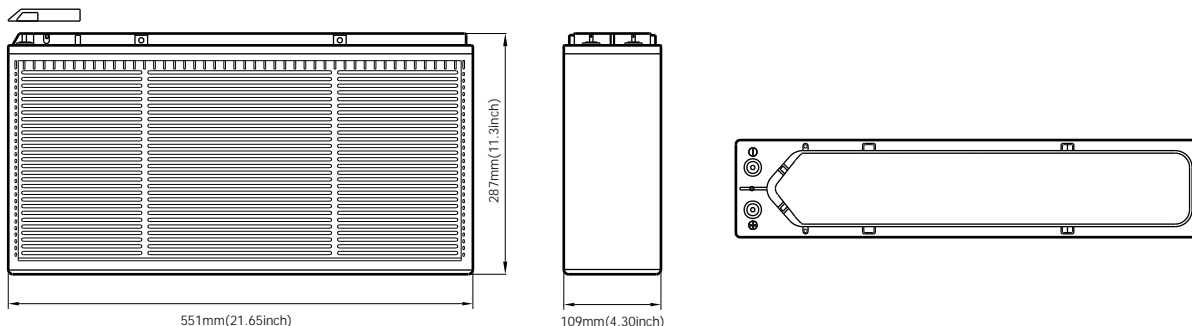
- Easy maintenance and installation
- No need for extra (wrench space) above battery
- Sealed and maintenance free operation
- Non-Spillable construction design
- ABS containers and covers(UL94HB, UL94V-0) optional
- Safety valve installation for explosion proof
- Maximized energy density for installation in relay rack trays
- High quality and high reliability
- Exceptional deep discharge recovery performance
- Flexibility design for multiple install positions



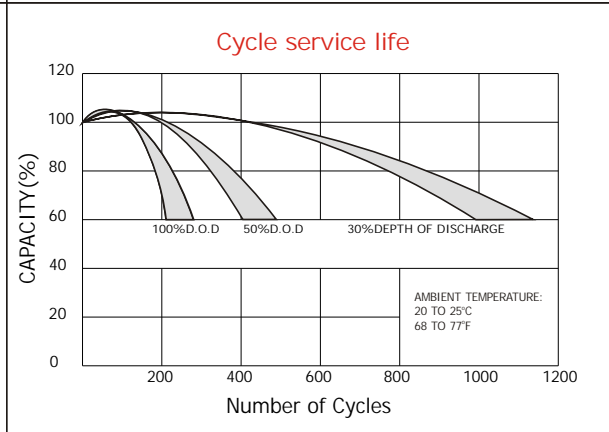
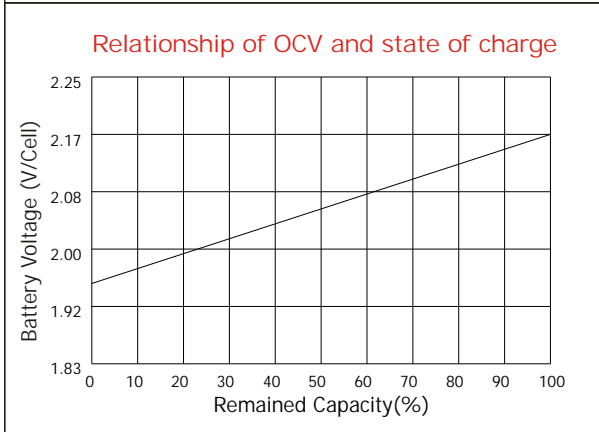
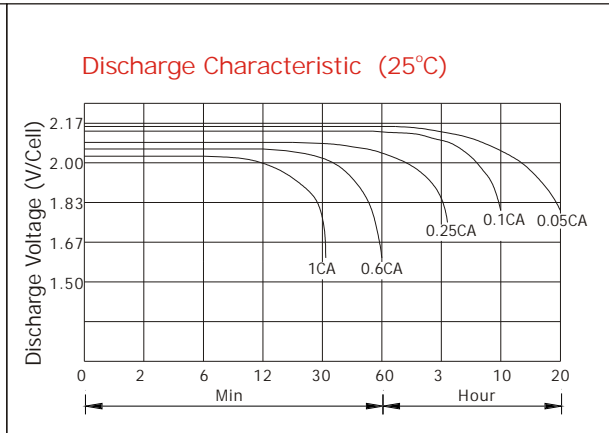
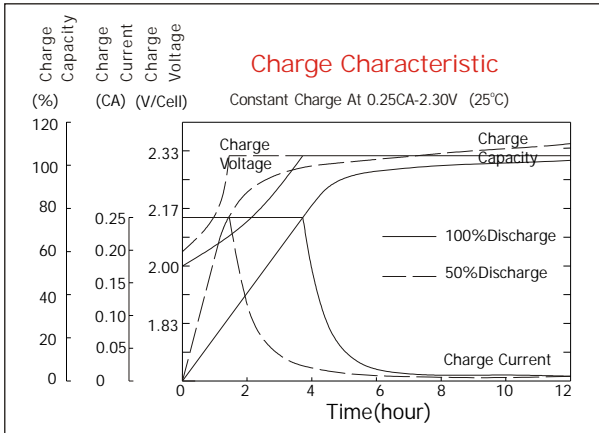
Terminal Dimensions

Construction

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



Battery Model	GT 12-155FA			
Designed Floating Life	10 Years			
Capacity(25°C)	20HR(7.75A,1.75V)	10HR(15.A,1.75V)	5HR(27A,1.75V)	1HR(97A,1.75V)
	155Ah	150Ah	135Ah	97Ah
Dimensions	Length	Width	Height	Total Height
	551mm(21.65inch)	109mm(4.30inch)	287mm(11.3inch)	285mm(11.23inch)
Approx. Weight	49.5Kg (108.9 lbs)			
Internal Resistance	Full charged at 25°C: 0.004 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: 37.5A		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	525	360	263	158	99.0	41.0	28.6	15.9	7.91
1.67V	473	329	255	153	98.9	40.8	28.4	15.7	7.88
1.70V	449	317	246	150	98.6	40.8	28.4	15.5	7.88
1.75V	399	293	233	147	97.5	40.5	28.2	15.3	7.84
1.80V	360	272	222	143	96.3	40.4	27.9	15.0	7.56
1.85V	273	224	192	131	95.3	40.2	27.7	14.7	7.37

Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	866	597	465	297	195	78.6	54.8	31.8	15.8
1.67V	821	590	461	291	189	78.6	54.8	31.3	15.8
1.70V	767	575	453	284	184	78.6	54.8	31.1	15.8
1.75V	714	537	426	276	182	77.4	54.2	30.6	15.7
1.80V	641	500	401	269	179	76.4	53.3	30.0	15.1
1.85V	513	414	350	246	177	76.1	52.5	29.5	14.9

