

### GENERAL FEATURES

- **Long Service Life** - Thick plate design and efficient gas recombination yield a service life expectancy of up to 10 years in standby mode.
- **Low Internal Resistance** - Superb high-rate discharge characteristics ensure reliable performance in UPS and Telecom applications.
- **Maintenance-Free, Non-Spillable** - Proven VRLA technology guarantees safe operation without maintenance and 'non-restricted article' status for transportation.
- **Low Self-Discharge** - Lead-calcium alloy grids and use of high purity lead account for superior shelf-life characteristics permitting storage for extended periods of time.
- **Designed-In Reliability** - Cutting-edge manufacturing and process control combined with meticulous quality assurance procedures guarantee consistent and dependable performance

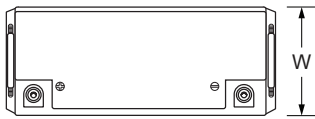
### PERFORMANCE SPECIFICATIONS

Nominal Voltage	12V(6 cells)	
Design Floating Life @25°C	12 Years	
Nominal Capacity @25°C	20 hour rate	150.00Ah
	7.50A to 10.50V	
	10 hour rate	132.00Ah
	13.20A to 10.50V	
	5 hour rate	115.00Ah
Internal Resistance	23.00A to 10.20V	
	3 hour rate	103.50Ah
	34.50A to 9.90V	
	1 hour rate	83.80Ah
Energy Density (20-hr. rate)	83.80A to 9.60V	
	Full Charged Battery@25°C	<6mΩ
	Specific Energy (20-hr. rate)	90.96W-h/l
Shelf Life (nominal capacity at 20°C)	40.45W-h/kg	
	1 Month	97%
	3 Months	91%
Max.Discharge Current@25°C	6 Months	83%
	7 Min.	449.40A
	10 Sec	1016.50A
Standby Use Charge (Constant Voltage) @25°C	Initial Charging Current	
	Less than 45.0A	
	Voltage 13.6-13.8V	
Cycle Use Charge (Constant Voltage) @25°C	Initial Charging Current	
	Less than 45.0A	
	Voltage 14.2-14.4 V	
Operating Temperature Range	Charge	-20°C to 50°C
	Discharge	-40°C to 60°C

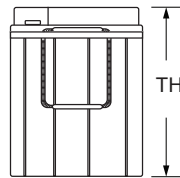
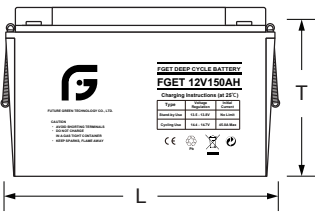
### GENERAL FEATURES

mm

Unit: mm



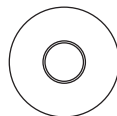
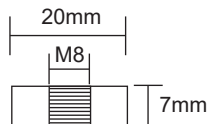
Length	483±1
Width	170±1
Height	241±1
Total Height	241±1
Weight(kg)	43.0±3%

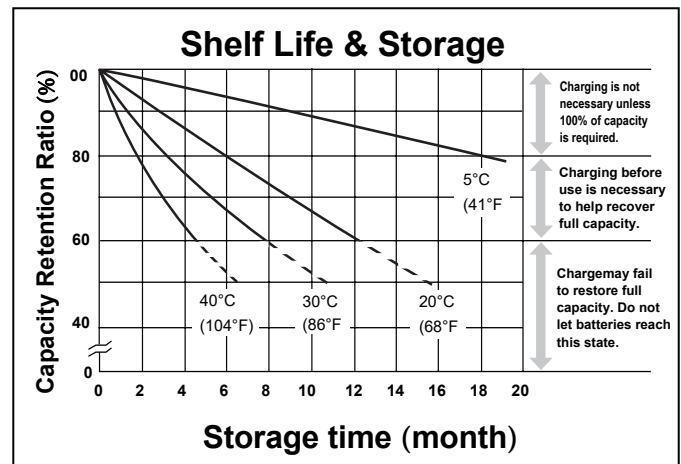
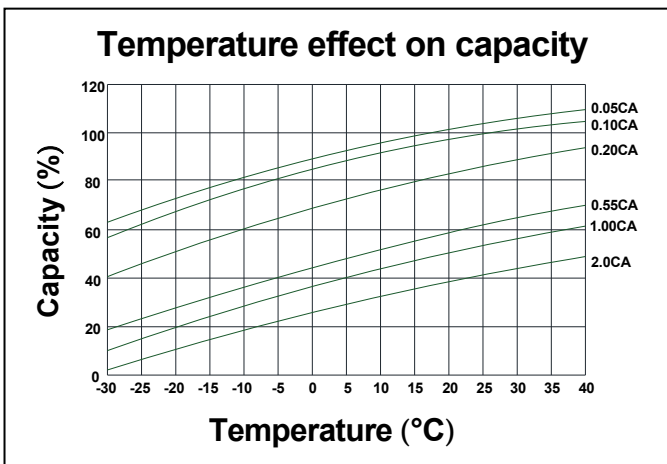
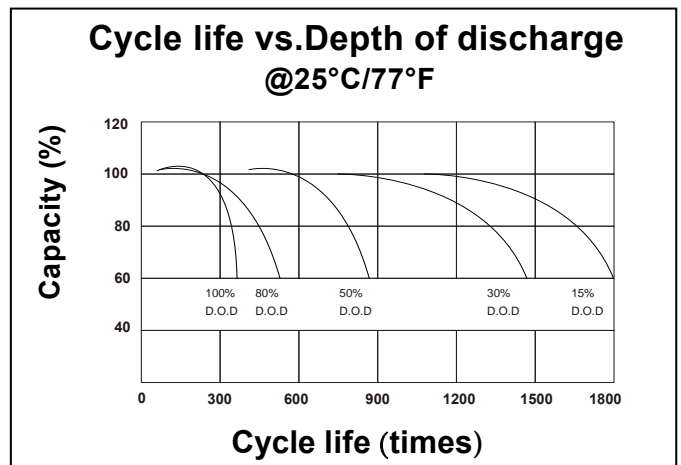
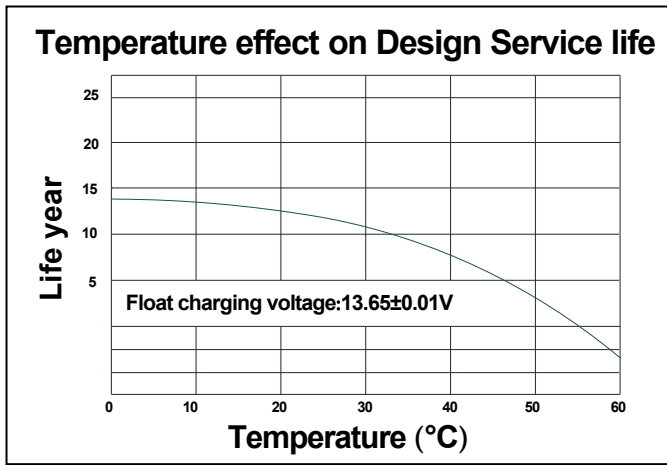
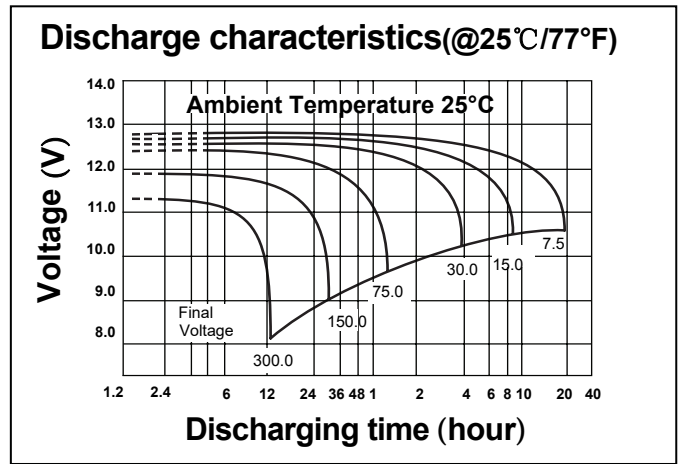
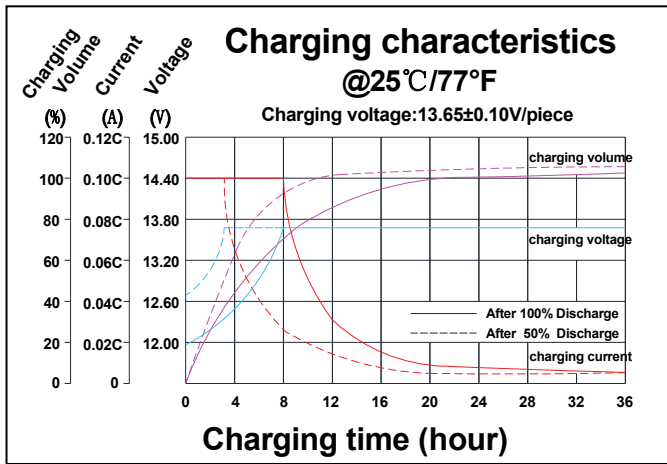


### TERMINALS

mm

- T11 - THREADED INSERT - 8mm STUD





**CONSTANT CURRENT DISCHARGE RATINGS (Amperes at 25°C)**

F.V/Time	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	255.7	205.2	137.5	83.8	50.2	34.7	28.4	23.3	16.0	13.5	8.25
10.0V	243.3	201.0	136.4	83.5	49.8	34.5	28.3	23.1	15.9	13.4	7.95
10.2V	234.7	197.9	135.5	82.7	49.4	34.3	28.2	23.0	15.8	13.3	7.73
10.5V	219.1	190.6	133.4	81.9	49.0	34.1	27.9	22.7	15.6	13.2	7.50
10.8V	202.2	177.7	128.8	80.0	48.2	33.2	27.2	22.3	15.4	13.0	7.05
11.1V	182.8	161.3	121.8	76.0	46.0	31.8	25.9	21.3	14.7	12.6	6.75