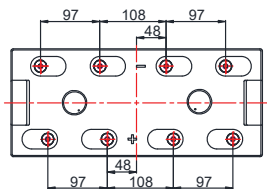
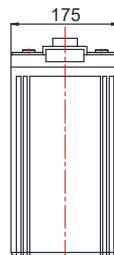
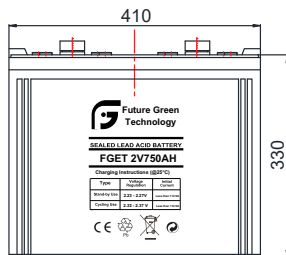


GENERAL FEATURES mm



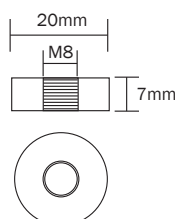
Unit: mm

Length	410±1
Width	175±1
Height	330±1
Total Height	367±1
Weight(kg)	46.0±3%



TERMINALS mm

- T11 - THREADED INSERT - 8mm STUD

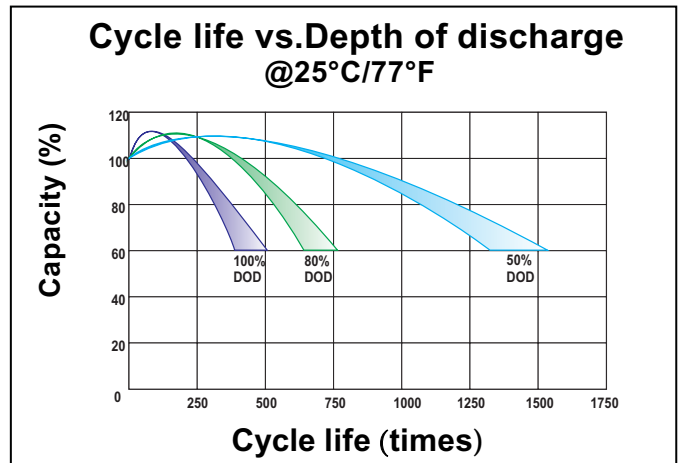
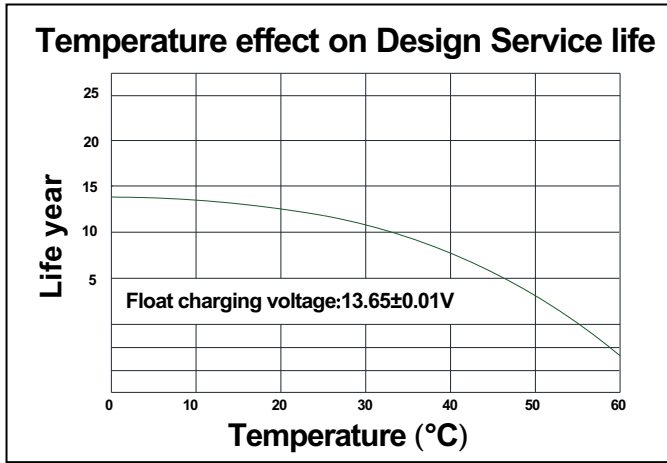
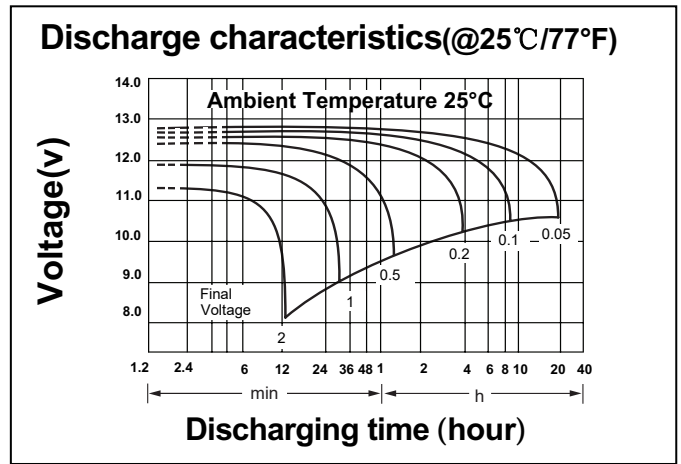


GENERAL FEATURES

- **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	2V(single cell)	
Design Floating Life @25°C	12 Years	
Nominal Capacity @25°C	20 hour rate 39.0A to 1.8V	780.0Ah
	10 hour rate 75.0A to 1.8V	750.0Ah
	5 hour rate 131.3A to 1.7V	656.5Ah
	3 hour rate 210.8A to 1.65V	632.4Ah
Internal Resistance	1 hour rate 490.5A to 1.6V	490.5Ah
	Full Charged Battery@25°C	<0.45mΩ
Energy Density (10-hr. rate)	58.46W-h/l	
Specific Energy (10-hr. rate)	32.61W-h/kg	
Shelf Life (nominal capacity at 20°C)	1 Month	97%
	3 Months	91%
	6 Months	83%
Standby Use Charge (Constant Voltage) @25°C	Initial Charging Current Less than 112.5A Voltage 2.23 - 2.27V	
	Initial Charging Current Less than 112.5A Voltage 2.33-2.37V	
Cycle Use Charge (Constant Voltage) @25°C	Charge	-20°C to 50°C
	Discharge	-40°C to 60°C
Operating Temperature Range		



CONSTANT CURRENT DISCHARGE RATINGS (Amperes at 25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR	20HR
1.60V	733.5	490.5	300.8	219.8	168.8	135.0	122.3	99.8	78.0	42.0
1.65V	704.3	484.5	290.3	210.8	165.0	133.5	119.3	95.3	77.3	41.3
1.70V	663.8	475.5	285.8	205.5	161.3	131.3	116.3	93.8	76.5	40.5
1.75V	597.0	437.3	270.0	195.0	156.0	129.8	110.3	90.8	75.8	39.8
1.80V	543.8	412.5	257.3	187.5	150.0	127.5	108.8	89.3	75.0	39.0
1.85V	489.8	381.0	243.0	178.5	146.3	120.0	102.8	84.8	72.8	36.8