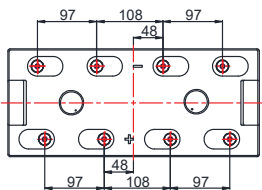
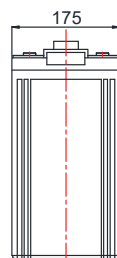
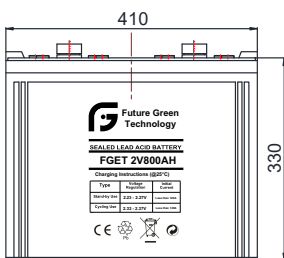


GENERAL FEATURES mm



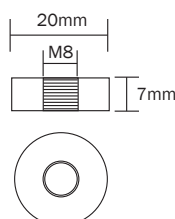
Unit: mm

Length	410±1
Width	175±1
Height	330±1
Total Height	367±1
Weight(kg)	52.0±3%



TERMINALS mm

- T11 - THREADED INSERT - 8mm STUD

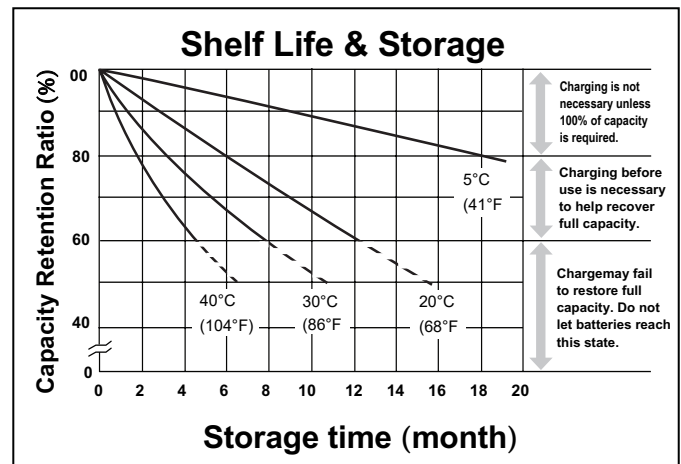
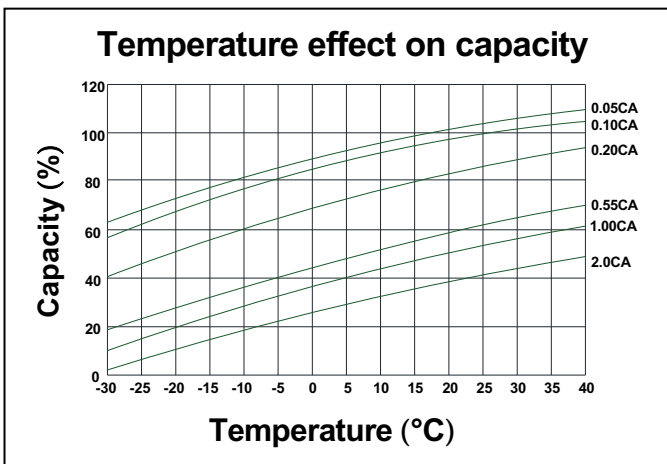
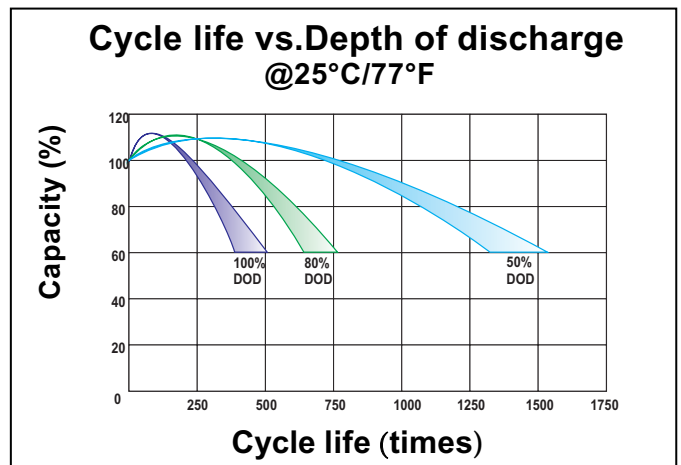
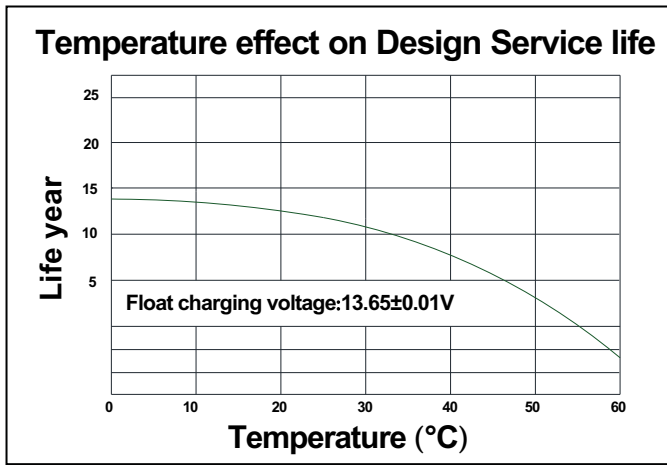
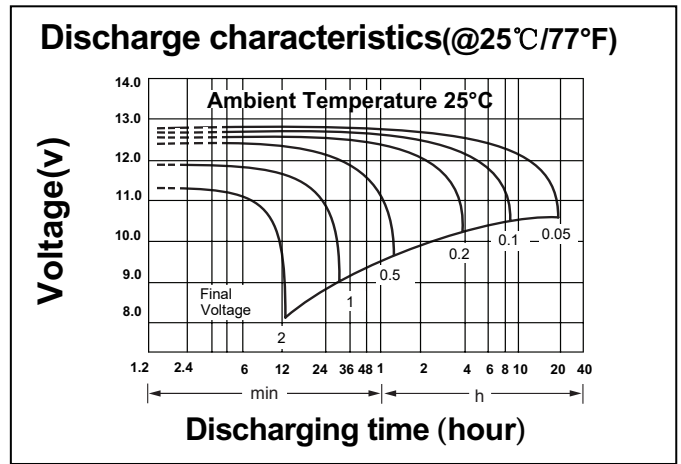
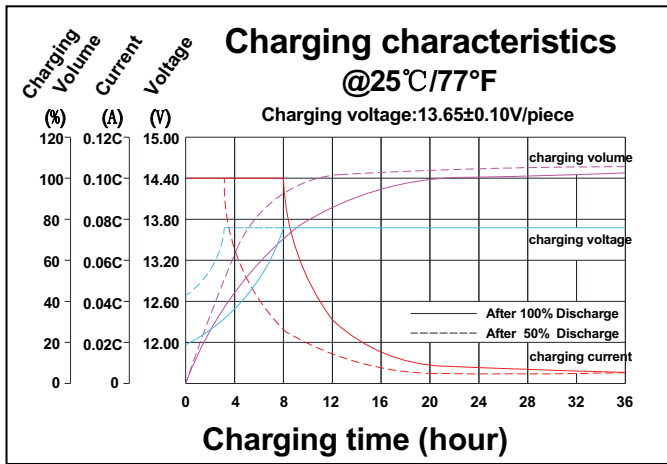


GENERAL FEATURES

- **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	848.0Ah
	42.4A to 1.8V	
	10 hour rate	800.0Ah
	80.0A to 1.8V	
Nominal Capacity @25°C	5 hour rate	716.0Ah
	143.2A to 1.7V	
	3 hour rate	664.8Ah
	221.6A to 1.65V	
Internal Resistance	1 hour rate	512.8Ah
	512.8A to 1.6V	
Energy Density (10-hr. rate)	Full Charged Battery@25°C	<0.4mΩ
Specific Energy (10-hr. rate)		60.75W-h/l
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 120A
	Voltage	2.23 - 2.27V
Cycle Use Charge (Constant Voltage) @25°C	Initial Charging Current	Less than 120A
	Voltage	2.33-2.37V
Operating Temperature Range	Charge	-20°C to 50°C
	Discharge	-40°C to 60°C



CONSTANT CURRENT DISCHARGE RATINGS (Amperes at 25°C)

F.V/Time	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	850.4	644.0	512.8	300.0	228.8	177.6	148.8	129.6	104.0	84.0	44.40
1.65V	805.6	619.2	496.0	290.4	221.6	173.6	146.4	127.2	103.2	82.4	44.00
1.70V	782.4	596.8	482.4	282.4	216.0	169.6	143.2	124.8	101.6	81.6	43.52
1.75V	748.0	570.4	464.8	275.2	211.2	165.6	140.8	122.4	100.8	80.8	43.12
1.80V	720.8	549.6	448.8	264.8	204.8	161.6	137.6	120.0	97.6	80.0	42.40