



GENERAL FEATURES

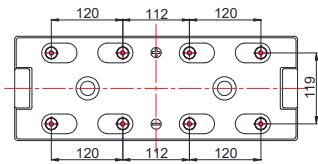
- **Long Service Life** - Thick plate design and efficient gas recombination yield a service life expectancy of up to 10 years in standby mode.
- **Low Internal Resistance** - Superb high-rate discharge characteristics ensure reliable performance in UPS and Telecom applications.
- **Maintenance-Free, 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

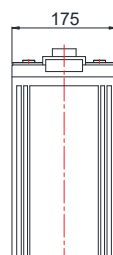
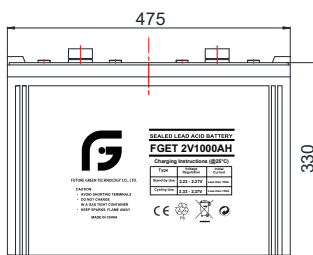
Nominal Voltage	2V(single cell)	
Design Floating Life @25°C	12 Years	
Nominal Capacity @25°C	20 hour rate	1040.0Ah
	53.0A to 1.8V	
	10 hour rate	1000.0Ah
	100.0A to 1.8V	
Nominal Capacity @25°C	5 hour rate	895.0Ah
	179.0A to 1.7V	
	3 hour rate	831.0Ah
	277.0A to 1.65V	
Internal Resistance	1 hour rate	641.0Ah
	641.0A to 1.6V	
Energy Density (10-hr. rate)	Full Charged Battery@25°C	<0.36mΩ
Specific Energy (10-hr. rate)		69.92W-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 150A
	Voltage	2.23 - 2.27V
Cycle Use Charge (Constant Voltage) @25°C	Initial Charging Current	Less than 150A
	Voltage	2.33-2.37V
Operating Temperature Range	Charge	-20°C to 50°C
	Discharge	-40°C to 60°C

GENERAL FEATURES mm

Unit: mm

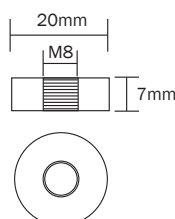


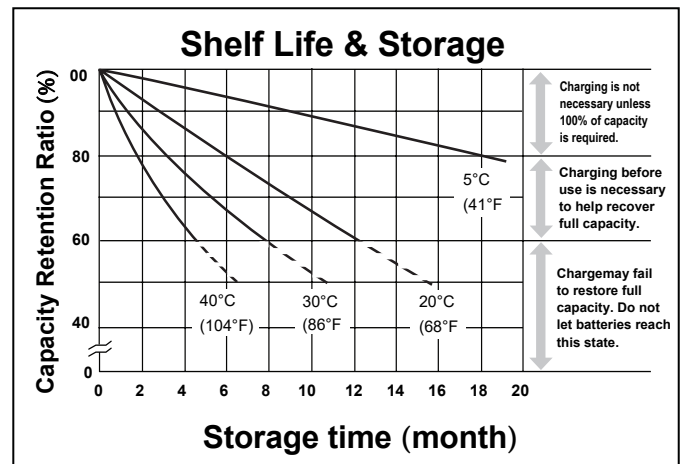
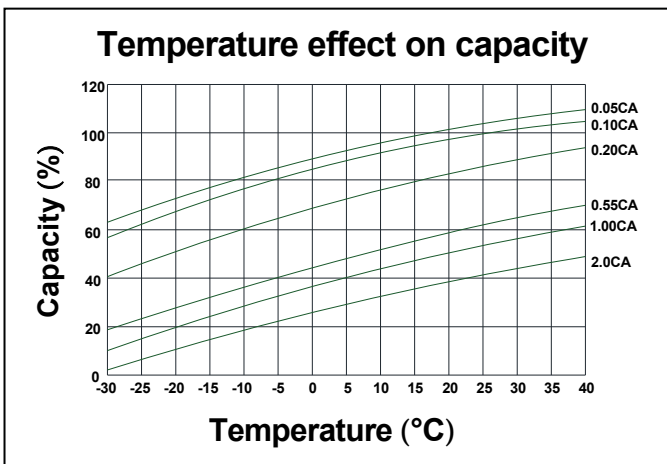
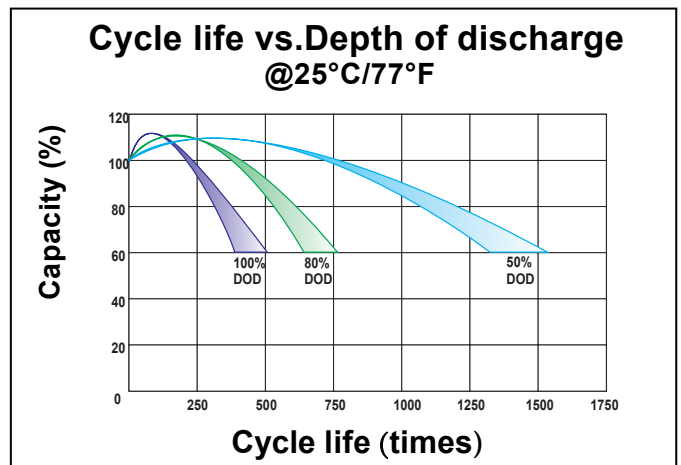
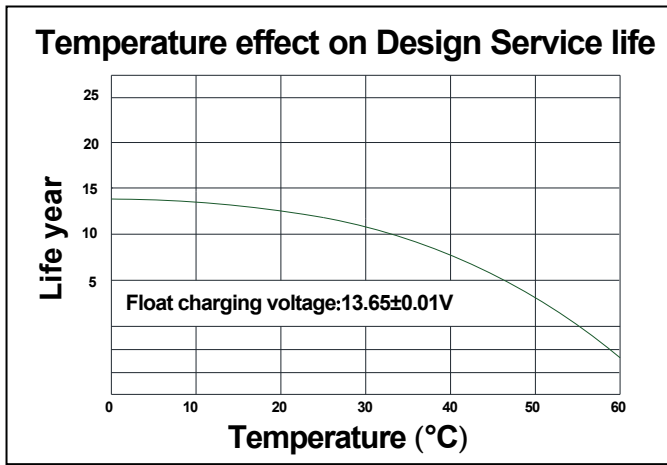
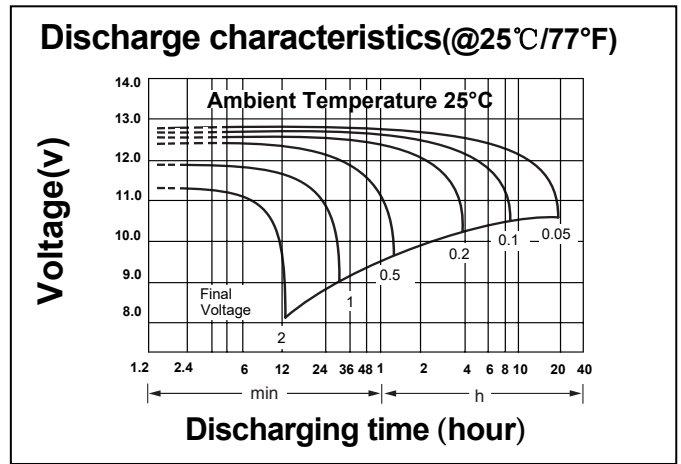
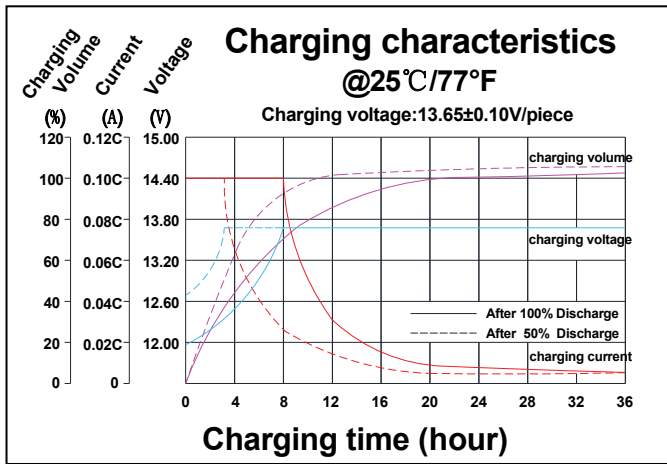
Length	475±1
Width	175±1
Height	330±1
Total Height	367±1
Weight(kg)	61.0±3%



TERMINALS mm

- T11 - THREADED INSERT - 8mm STUD





CONSTANT CURRENT DISCHARGE RATINGS (Amperes at 25°C)

F.V/Time	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	1063.0	805.0	641.0	375.0	286.0	222.0	186.0	162.0	130.0	105.0	55.50
1.65V	1007.0	774.0	620.0	363.0	277.0	217.0	183.0	159.0	129.0	103.0	55.00
1.70V	978.0	746.0	603.0	353.0	270.0	212.0	179.0	156.0	127.0	102.0	54.40
1.75V	935.0	713.0	581.0	344.0	264.0	207.0	176.0	153.0	126.0	101.0	53.90
1.80V	901.0	687.0	561.0	331.0	256.0	202.0	172.0	150.0	122.0	100.0	53.00