

GENERAL FEATURES

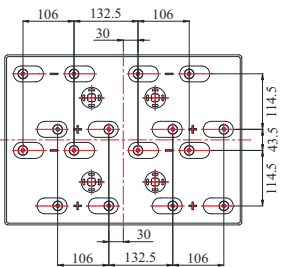
- **Long Service Life** - Thick plate design and efficient gas recombination yield a service life expectancy of up to 10 years in standby mode.
- **Low Internal Resistance** - Superb high-rate discharge characteristics ensure reliable performance in UPS and Telecom applications.
- **Maintenance-Free, 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 106.0A to 1.8V	2120.0Ah
	10 hour rate 200.0A to 1.8V	2000.0Ah
	5 hour rate 358.0A to 1.7V	1790.0Ah
	3 hour rate 554.0A to 1.65V	1662.0Ah
Internal Resistance	1 hour rate 1282.0A to 1.6V	1282.0Ah
	Full Charged Battery@25°C	<0.18mΩ
Energy Density (10-hr. rate)	61.06W-h/l	
Specific Energy (10-hr. rate)	34.19W-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 375A Voltage 2.23 - 2.27V	
	Initial Charging Current Less than 375A 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		

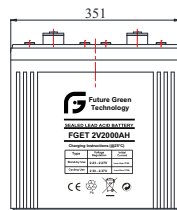
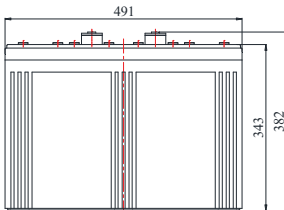
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mm



Unit: mm

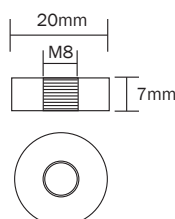
Length	491±1
Width	350±1
Height	345±1
Total Height	382±1
Weight(kg)	130.0±3%

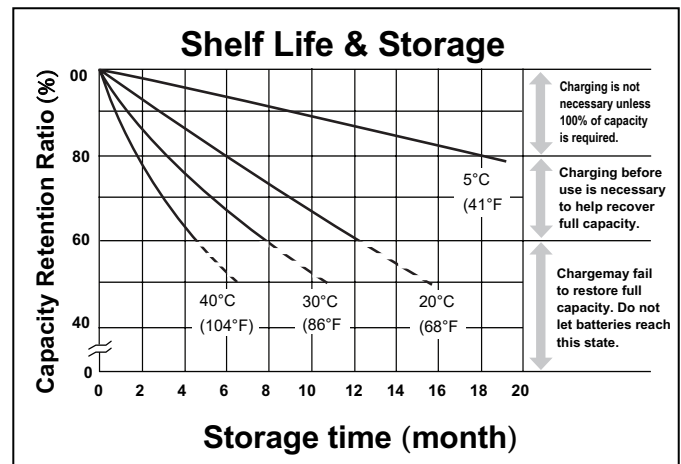
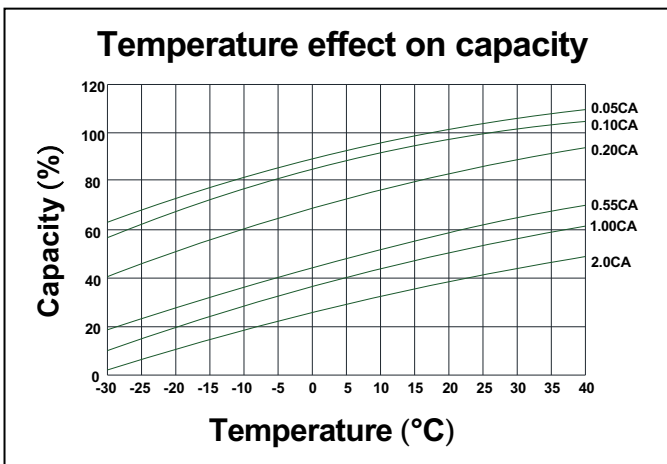
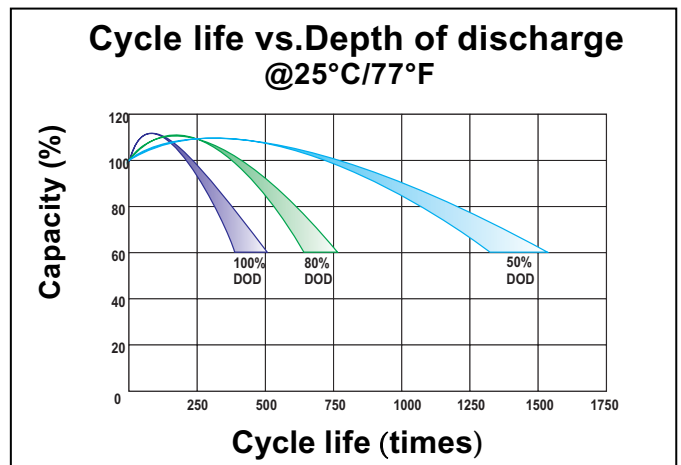
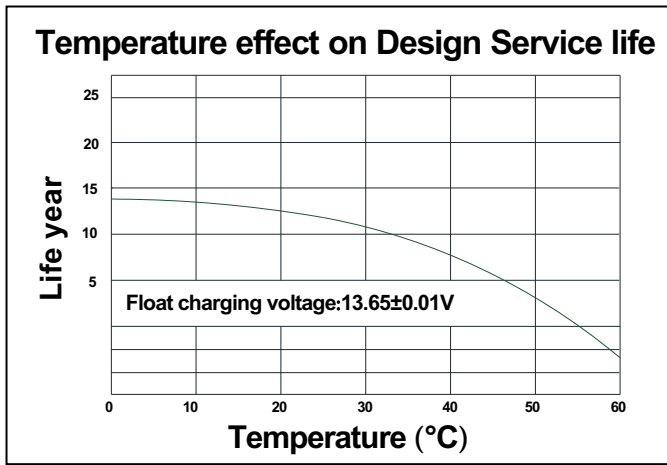
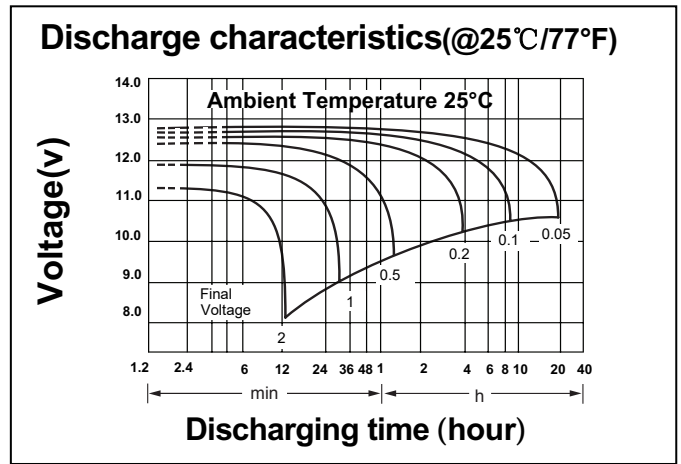
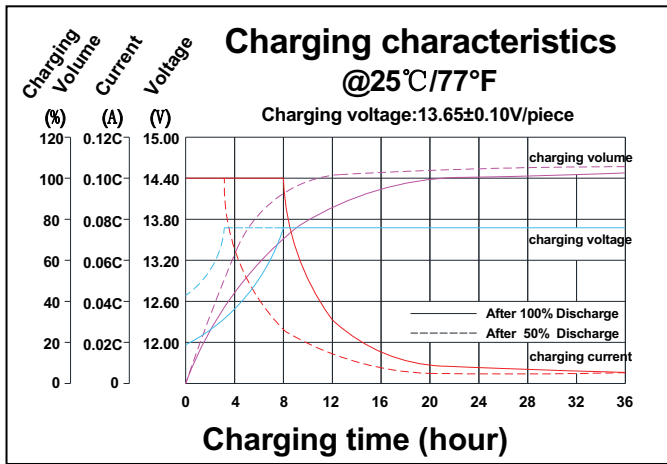


TERMINALS

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	2126.0	1610.0	1282.0	750.0	572.0	444.0	372.0	324.0	260.0	210.0	111.00
1.65V	2014.0	1548.0	1240.0	726.0	554.0	434.0	366.0	318.0	258.0	206.0	110.00
1.70V	1956.0	1492.0	1206.0	706.0	540.0	424.0	358.0	312.0	254.0	204.0	108.80
1.75V	1870.0	1426.0	1162.0	688.0	528.0	414.0	352.0	306.0	252.0	202.0	107.80
1.80V	1802.0	1374.0	1122.0	662.0	512.0	404.0	344.0	300.0	244.0	200.0	106.00