

GENERAL FEATURES

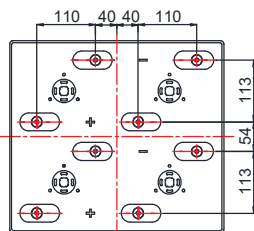
- **Long Service Life** - Thick plate design and efficient gas recombination yield a service life expectancy of up to 10 years in standby mode.
- **Low Internal Resistance** - Superb high-rate discharge characteristics ensure reliable performance in UPS and Telecom applications.
- **Maintenance-Free, 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	1590.0Ah
	79.5A to 1.8V	
	10 hour rate	1500.0Ah
	150.0A to 1.8V	
	5 hour rate	1342.5Ah
Internal Resistance	268.5A to 1.7V	
	3 hour rate	1246.5Ah
	415.5A to 1.65V	
	1 hour rate	961.5Ah
Energy Density (10-hr. rate)	961.5A to 1.6V	
	Full Charged Battery@25°C	<0.24mΩ
Specific Energy (10-hr. rate)	56.38W-h/l	
	31.09W-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 225A Voltage 2.23 - 2.27V	
Cycle Use Charge (Constant Voltage) @25°C	Initial Charging Current	
	Less than 225A Voltage 2.33-2.37V	
Operating Temperature Range	Charge	-20°C to 50°C
	Discharge	-40°C to 60°C

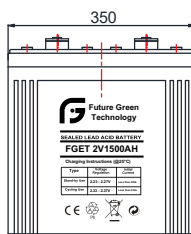
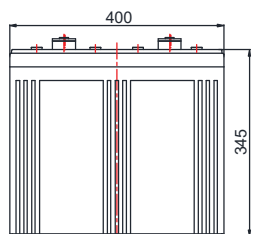
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mm



Unit: mm

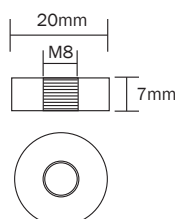
Length	400±1
Width	350±1
Height	345±1
Total Height	382±1
Weight(kg)	99.0±3%

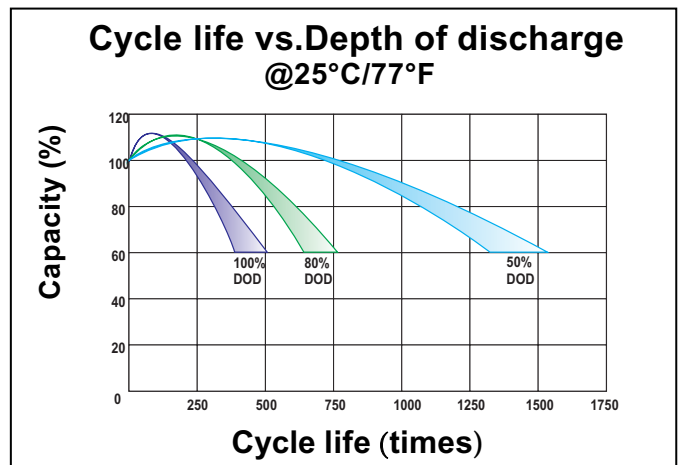
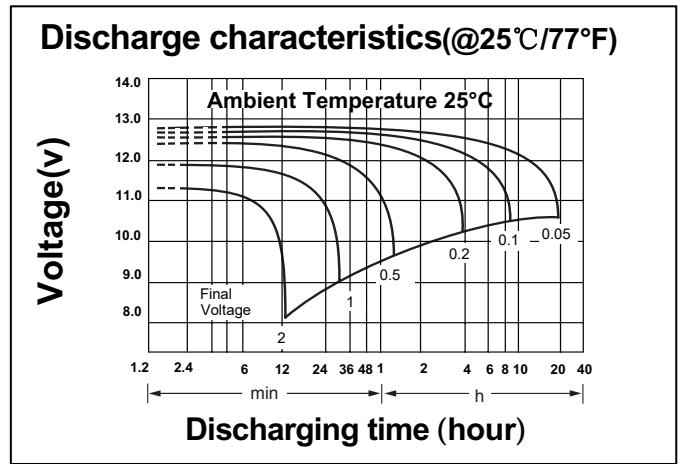


TERMINALS

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	1594.5	1207.5	961.5	562.5	429.0	333.0	279.0	243.0	195.0	157.5	83.25
1.65V	1510.5	1161.0	930.0	544.5	415.5	325.5	274.5	238.5	193.5	154.5	82.50
1.70V	1467.0	1119.0	904.5	529.5	405.0	318.0	268.5	234.0	190.5	153.0	81.60
1.75V	1402.5	1069.5	871.5	516.0	396.0	310.5	264.0	229.5	189.0	151.5	80.85
1.80V	1351.5	1030.5	841.5	496.5	384.0	303.0	258.0	225.0	183.0	150.0	79.50