

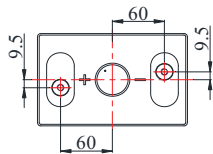
GENERAL FEATURES

- **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

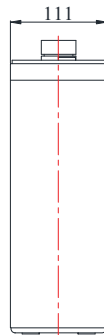
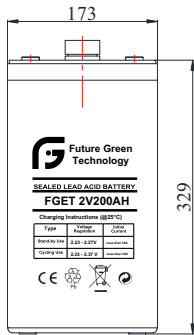
Nominal Voltage	2V(single cell)	
Design Floating Life @25°C	12 Years	
	20 hour rate 12.72A to 1.8V	254.4Ah
	10 hour rate 24.0A to 1.8V	240.0Ah
Nominal Capacity @25°C	5 hour rate 43.8A to 1.7V	219.0Ah
	3 hour rate 70.3A to 1.65V	210.9Ah
	1 hour rate 163.5A to 1.6V	163.5Ah
Internal Resistance	Full Charged Battery@25°C	<1.17mΩ
Energy Density (10-hr. rate)	53.20W-h/l	
Specific Energy (10-hr. rate)	32.26W-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 36A Voltage 2.23 - 2.27V	
	Initial Charging Current Less than 36A 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		

GENERAL FEATURES mm



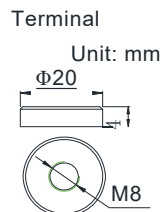
Unit: mm

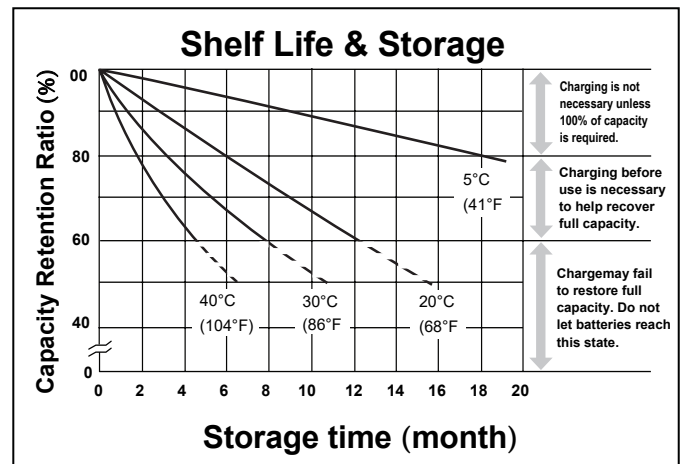
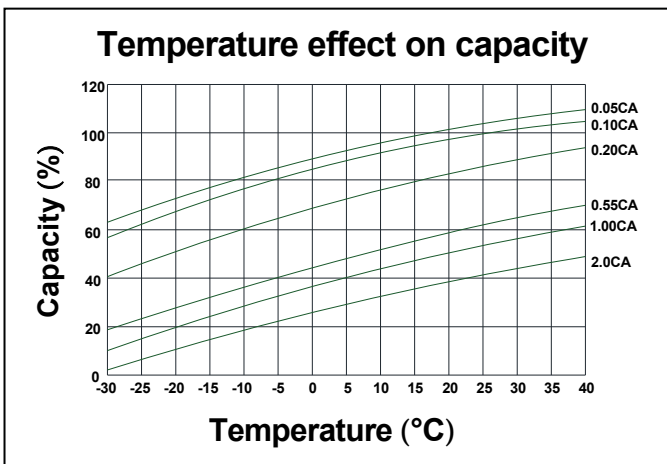
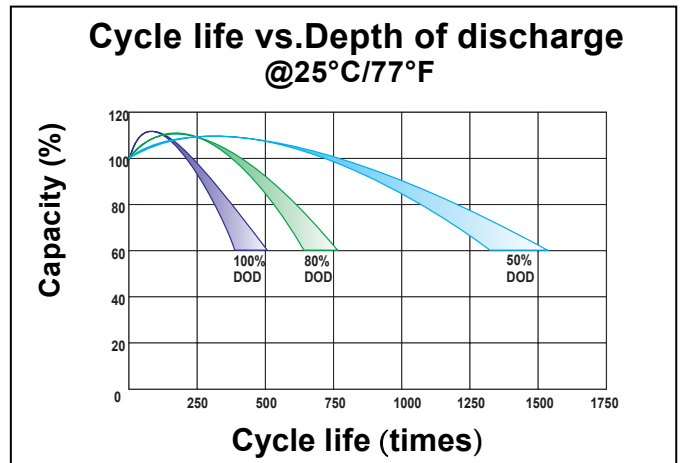
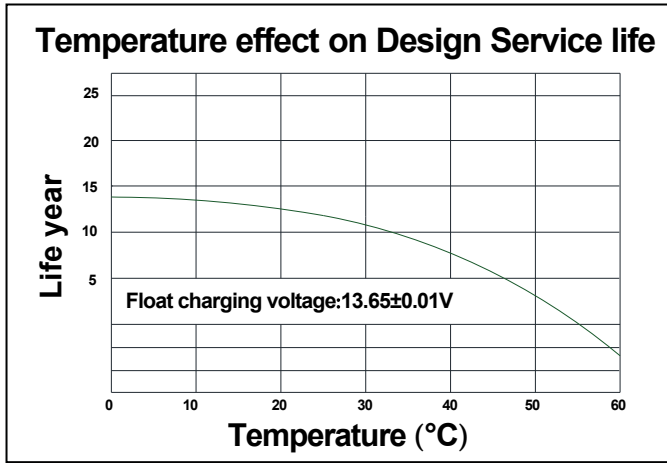
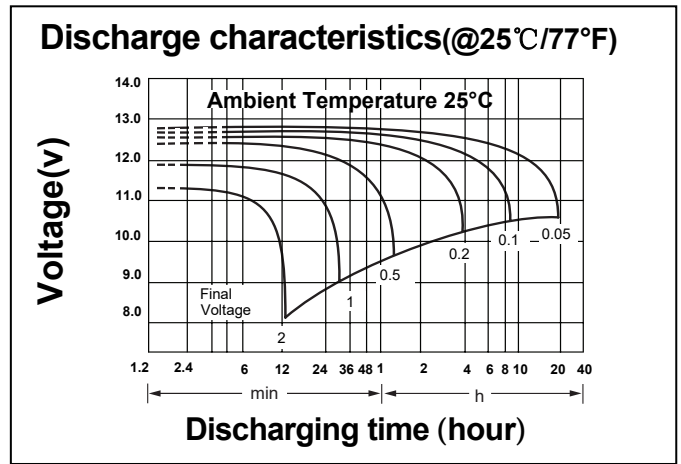
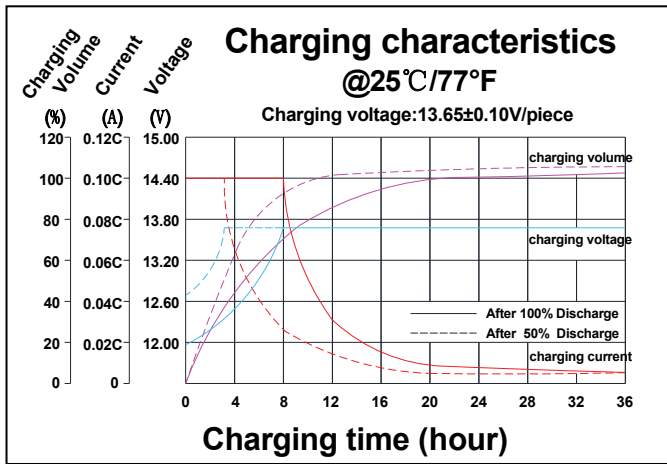
Length	173±1
Width	111±1
Height	330±1
Total Height	367±1
Weight(kg)	13.8±3%



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	255.1	193.2	153.8	90.0	68.6	53.3	44.6	38.9	31.2	25.2	13.32
1.65V	241.7	185.8	148.8	87.1	66.5	52.1	43.9	38.2	31.0	24.7	13.20
1.70V	234.7	179.0	144.7	84.7	64.8	50.9	43.0	37.4	30.5	24.5	13.06
1.75V	224.4	171.1	139.4	82.6	63.4	49.7	42.2	36.7	30.2	24.2	12.94
1.80V	216.2	164.9	134.6	79.4	61.4	48.5	41.3	36.0	29.3	24.0	12.72