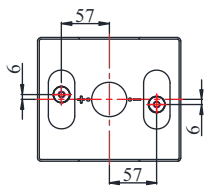


GENERAL FEATURES

- **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

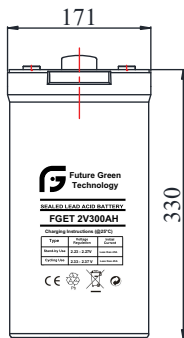
GENERAL FEATURES

mm



Unit: mm

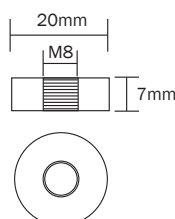
Length	171±1
Width	151±1
Height	330±1
Total Height	365±1
Weight(kg)	18.5±3%



TERMINALS

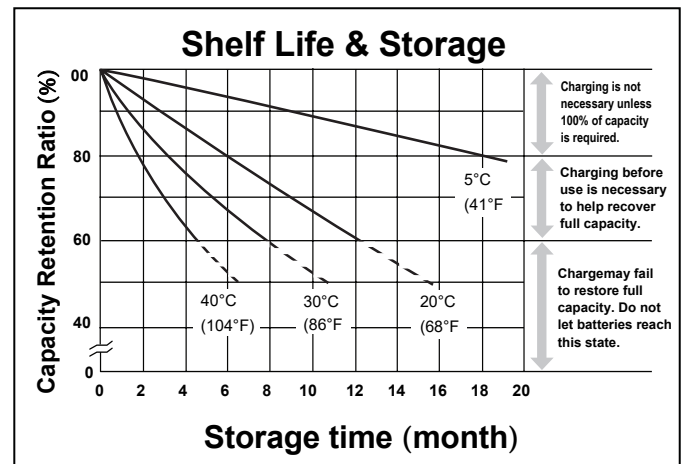
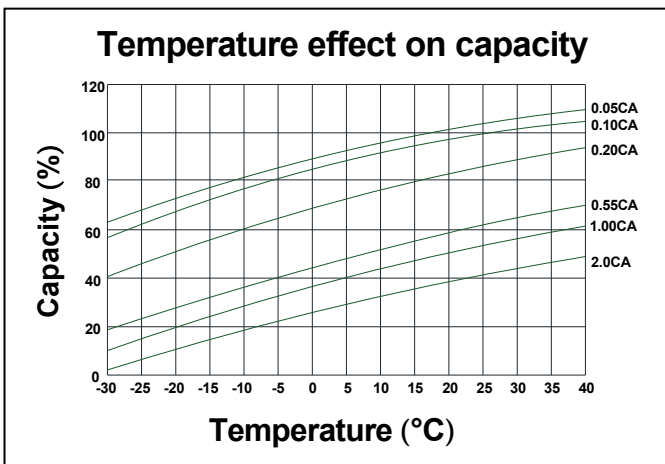
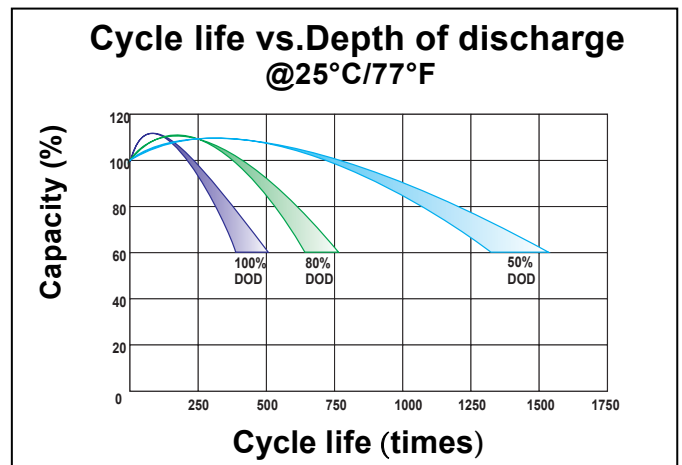
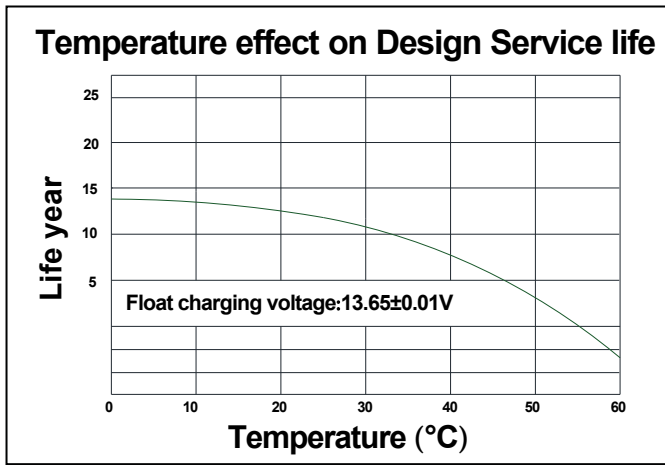
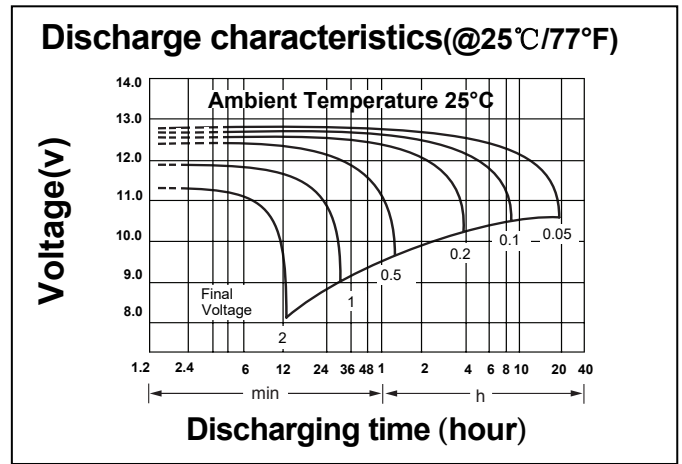
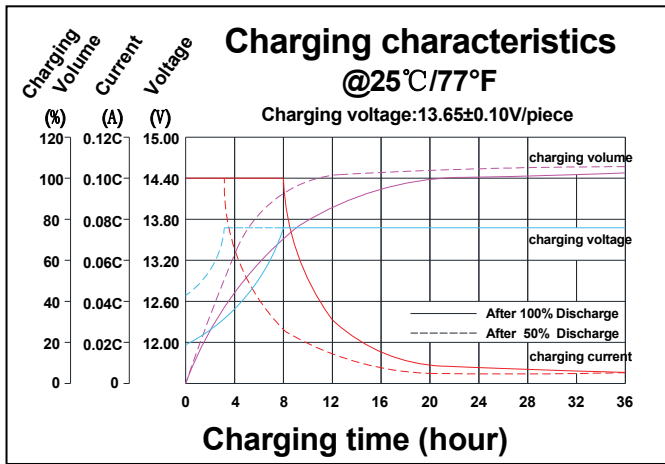
mm

- T11 - THREADED INSERT - 8mm STUD



PERFORMANCE SPECIFICATIONS

Nominal Voltage	2V(single cell)	
Design Floating Life @25°C	12 Years	
Nominal Capacity @25°C	20 hour rate	318.0Ah
	15.9A to 1.8V	
	10 hour rate	300.0Ah
	30.0A to 1.8V	
Internal Resistance	5 hour rate	268.5Ah
	53.7A to 1.7V	
	3 hour rate	249.3Ah
Energy Density (10-hr. rate)	83.1A to 1.65V	
	1 hour rate	192.3Ah
Specific Energy (10-hr. rate)	192.3A to 1.6V	
	Full Charged Battery@25°C	<0.65mΩ
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 45A
	Voltage	2.23 - 2.27V
Cycle Use Charge (Constant Voltage) @25°C	Initial Charging Current	Less than 30A
	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	318.9	241.5	192.3	112.5	85.8	66.6	55.8	48.6	39.0	31.5	16.65
1.65V	302.1	232.2	186.0	108.9	83.1	65.1	54.9	47.7	38.7	30.9	16.50
1.70V	293.4	223.8	180.9	105.9	81.0	63.6	53.7	46.8	38.1	30.6	16.32
1.75V	280.5	213.9	174.3	103.2	79.2	62.1	52.8	45.9	37.8	30.3	16.17
1.80V	270.3	206.1	168.3	99.3	76.8	60.6	51.6	45.0	36.6	30.0	15.90