

GENERAL FEATURES

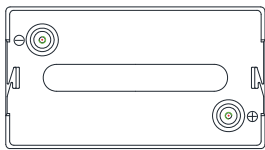
- **Long Service Life** - Thick plate design and efficient gas recombination yield a service life expectancy of up to 10 years in standby mode.
- **Low Internal Resistance** - Superb high-rate discharge characteristics ensure reliable performance in UPS and Telecom applications.
- **Maintenance-Free, 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	6V(3 cells)	
Design Floating Life @25°C	12 Years	
Nominal Capacity @25°C	20 hour rate 10.0A to 5.4V	200.0Ah
	10 hour rate 18.2A to 5.4V	182.0Ah
	5 hour rate 32.4A to 5.1V	162.0Ah
	3 hour rate 49.6A to 4.8V	148.8Ah
	1 hour rate 111.2A to 4.80V	111.2Ah
Internal Resistance	Full Charged Battery@25°C	<3mΩ
Energy Density (20-hr. rate)	103.29W-h/l	
Specific Energy (20-hr. rate)	40.00W-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 36.0A Voltage 6.85 - 6.95V	
	Cycle Use Charge (Constant Voltage) @25°C	
Operating Temperature Range	Charge	0°C to 50°C
	Discharge	-20°C to 60°C

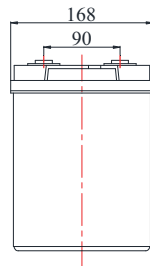
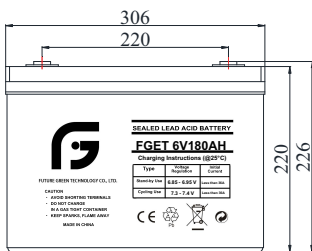
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mm



Unit: mm

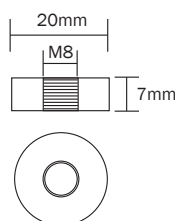
Length	306±1
Width	168±1
Height	220±1
Total Height	226±1
Weight(kg)	33.0±3%

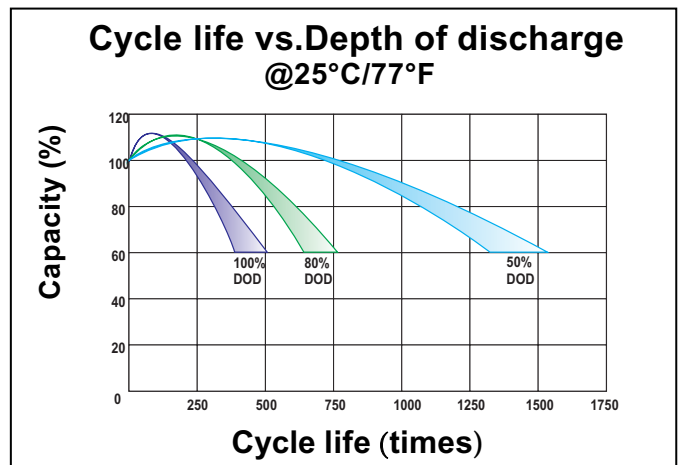
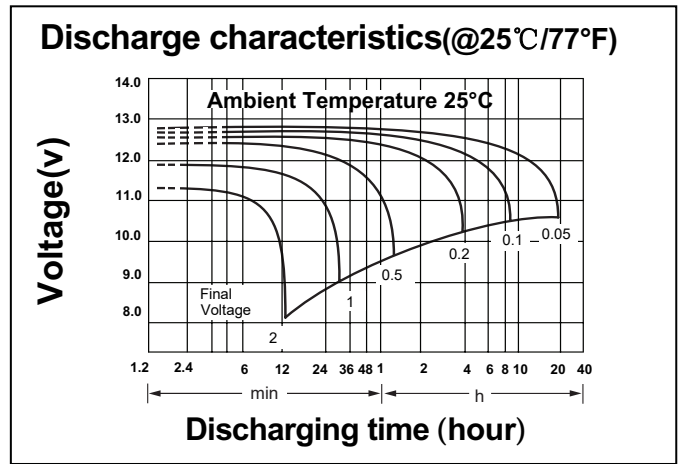


TERMINALS

mm

- T11 - THREADED INSERT - 8mm STUD





CONSTANT CURRENT DISCHARGE RATINGS (Amperes at 25°C)

F.V/Time	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	257.4	164.4	120.8	111.2	70.6	49.6	33.6	22.2	19.80	10.60
1.67V	252.8	161.4	118.6	109.0	69.2	48.6	33.0	21.8	19.40	10.40
1.70V	248.0	158.4	116.4	107.0	68.0	47.8	32.4	21.4	19.00	10.20
1.75V	243.4	155.4	114.2	105.0	66.6	46.8	31.8	21.0	18.80	10.00
1.80V	234.0	149.4	109.8	101.0	64.0	45.0	30.6	20.2	18.20	9.90