



### GENERAL FEATURES

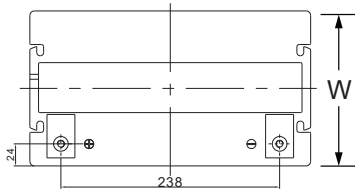
- **Long Service Life** - Thick plate design and efficient gas recombination yield a service life expectancy of up to 10 years in standby mode.
- **Low Internal Resistance** - Superb high-rate discharge characteristics ensure reliable performance in UPS and Telecom applications.
- **Maintenance-Free, 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

<b>Nominal Voltage</b>	12V(6 cells)	
<b>Design Floating Life @25°C</b>	12 Years	
<b>Nominal Capacity @25°C</b>	20 hour rate	90.00Ah
	4.50A to 10.50V	
	10 hour rate	79.70Ah
	7.97A to 10.50V	
<b>Internal Resistance</b>	5 hour rate	71.50Ah
	14.30A to 10.20V	
	3 hour rate	62.10Ah
	20.70A to 9.90V	
<b>Energy Density (20-hr. rate)</b>	1 hour rate	50.30Ah
	50.30A to 9.60V	
<b>Specific Energy (20-hr. rate)</b>	Full Charged Battery@25°C	<6.5mΩ
		97.26W-h/l
<b>Shelf Life (nominal capacity at 20°C)</b>		37.89W-h/kg
	1 Month	97%
	3 Months	91%
<b>Max.Discharge Current@25°C</b>	6 Months	83%
	7 Min.	270.0A
<b>Max Short-Duration Discharge Current</b>	10 Sec	675.0A
<b>Standby Use Charge (Constant Voltage) @25°C</b>	Initial Charging Current	Less than 27.0A
	Voltage	13.6-13.8V
<b>Cycle Use Charge (Constant Voltage) @25°C</b>	Initial Charging Current	Less than 27.0A
	Voltage	14.2-14.4 V
<b>Operating Temperature Range</b>	Charge	-20°C to 50°C
	Discharge	-40°C to 60°C

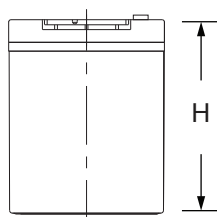
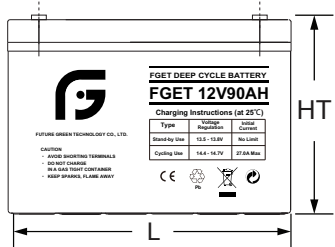
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mm



Unit: mm

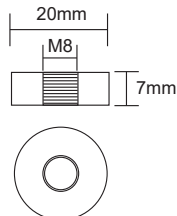
Length	328±1
Width	172±1
Height	215±1
Total Height	220±1
Weight(kg)	28.0±3%

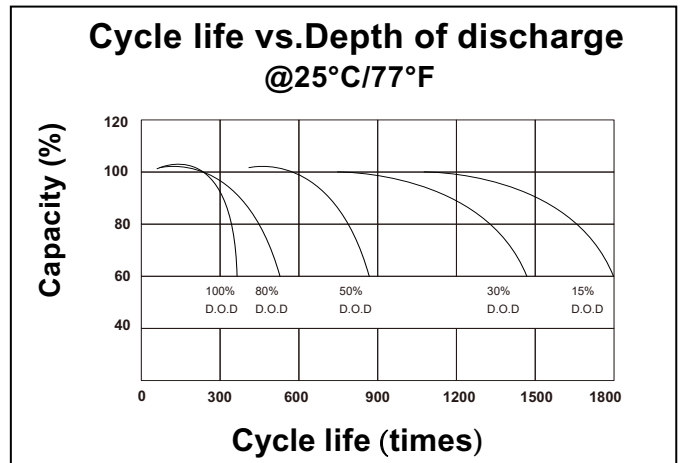
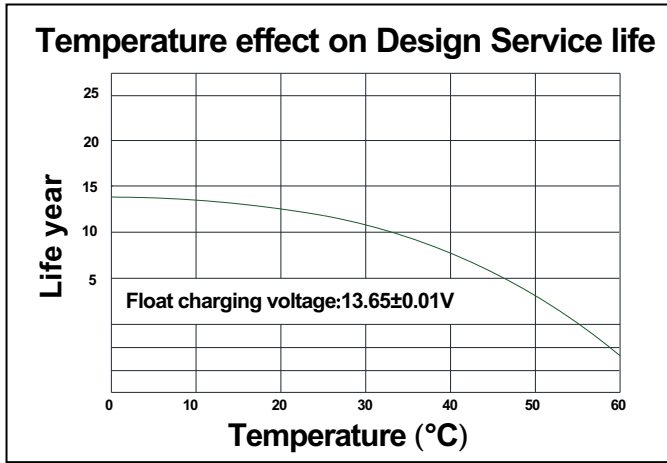
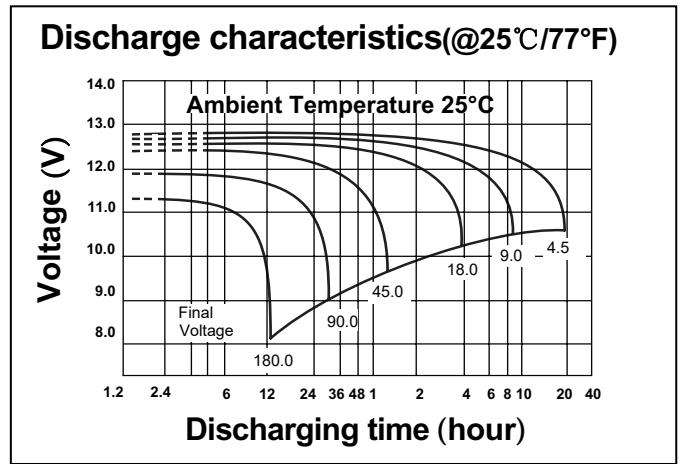


### TERMINALS

mm

- T11 - THREADED INSERT - 8mm STUD





**CONSTANT CURRENT DISCHARGE RATINGS (Amperes at 25°C)**

F.V/Time	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	166.8	130.5	85.8	50.3	30.1	20.8	17.2	14.5	9.90	8.21	4.95
10.0V	158.7	127.9	84.4	50.1	29.9	20.7	17.1	14.4	9.82	8.13	4.77
10.2V	153.1	125.9	83.7	49.6	29.6	20.5	17.1	14.3	9.74	8.05	4.64
10.5V	143.0	121.2	83.9	49.1	29.4	20.5	16.9	14.1	9.66	7.97	4.50
10.8V	131.9	113.1	83.2	48.0	28.9	19.9	16.5	13.9	9.50	7.89	4.23
11.1V	119.3	102.6	78.7	45.6	27.6	19.0	15.7	13.3	9.09	7.66	4.05