



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

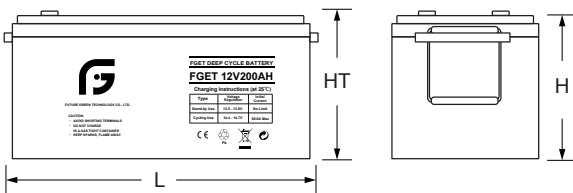
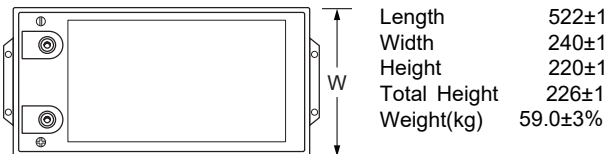
PERFORMANCE SPECIFICATIONS

Nominal Voltage	12V(6 cells)	
Design Floating Life @25°C	12 Years	
Nominal Capacity @25°C	20 hour rate	200.00Ah
	10.0A to 10.50V	
	10 hour rate	175.00Ah
	17.50A to 10.80V	
	5 hour rate	153.50Ah
Internal Resistance	30.70A to 10.50V	
	3 hour rate	138.30Ah
	46.10A to 9.60V	
	1 hour rate	111.80Ah
Energy Density (20-hr. rate)	111.80A to 9.00V	
	Full Charged Battery@25°C	<5.2mΩ
Specific Energy (20-hr. rate)	85.52W-h/l	
Shelf Life (nominal capacity at 20°C)	40.00W-h/kg	
	1 Month	97%
	3 Months	91%
Max.Discharge Current@25°C	6 Months	83%
	7 Min.	600.0A
Max Short-Duration Discharge Current	10 Sec	1200.0A
	Standby Use Charge (Constant Voltage) @25°C	Initial Charging Current Less than 60A
Cycle Use Charge (Constant Voltage) @25°C		Voltage 13.6 - 13.8V
	Operating Temperature Range	Initial Charging Current Less than 60A
Charge		Voltage 14.2 - 14.4V
	Discharge	-20°C to 50°C
		-40°C to 60°C

GENERAL FEATURES

mm

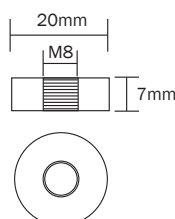
Unit: mm

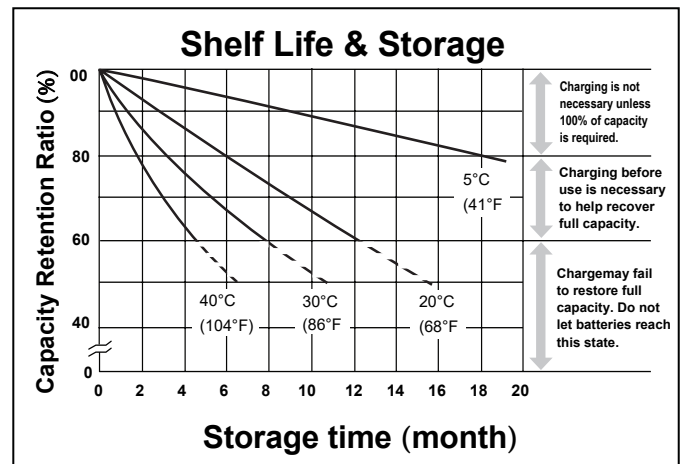
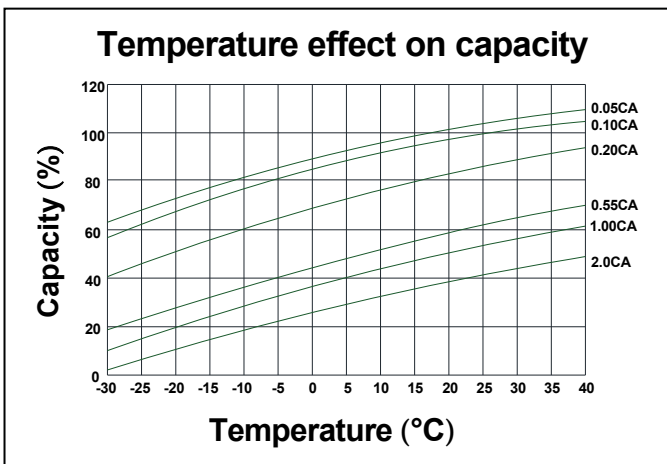
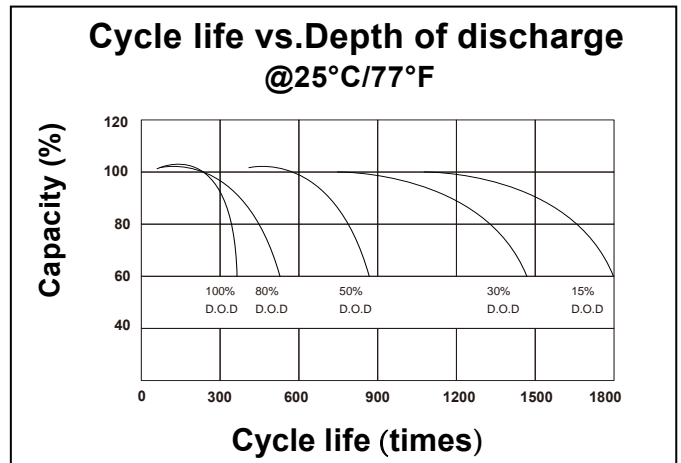
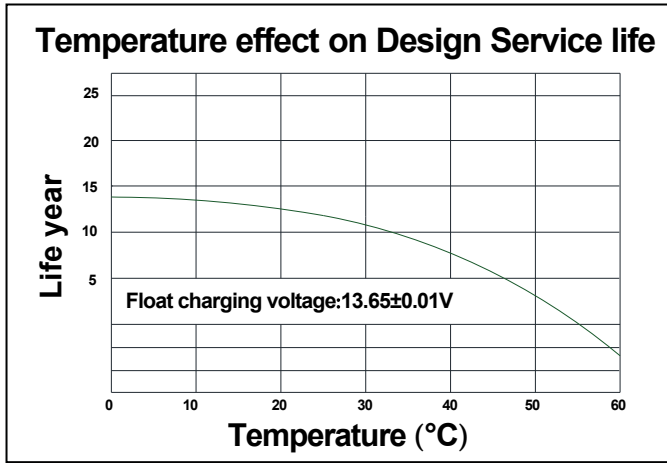
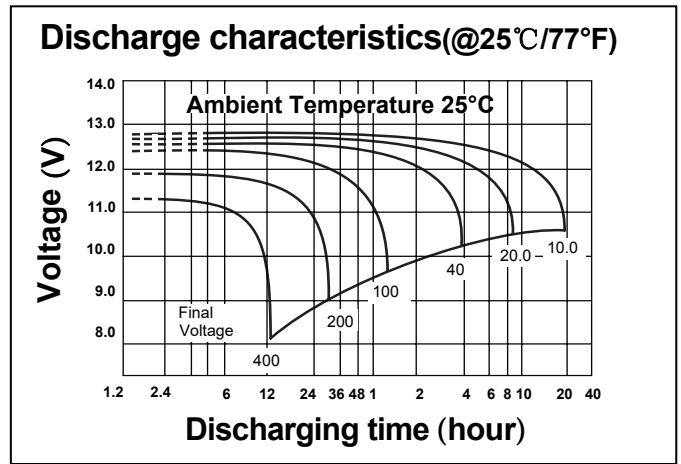
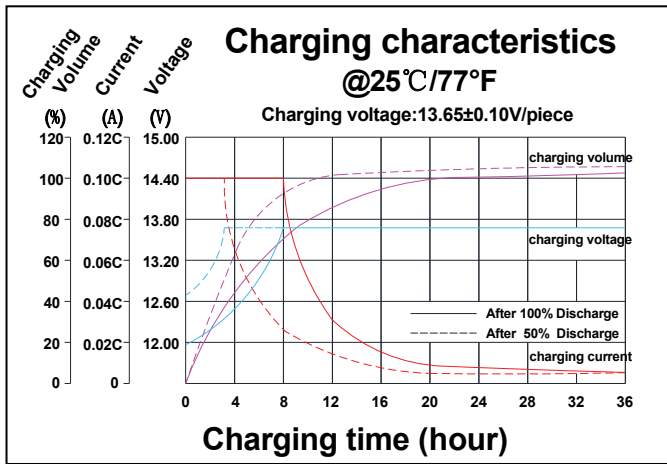


TERMINALS

mm

- T11 - THREADED INSERT - 8mm STUD





CONSTANT POWER DISCHARGE RATINGS

F.V/Time	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR	F.V/Time
9.60V	273.6	183.4	111.8	66.9	46.2	37.9	31.0	21.4	18.1	11.0	1.60V
10.0V	268.0	181.8	111.3	66.4	46.1	37.7	30.8	21.2	17.9	10.6	1.65V
10.2V	263.8	180.7	110.2	65.9	45.7	37.5	30.7	21.0	17.7	10.3	1.70V
10.5V	254.1	177.9	109.2	65.4	45.5	37.2	30.3	20.8	17.5	10.0	1.75V
10.8V	237.0	171.7	106.6	64.2	44.3	36.3	29.7	20.5	17.4	9.40	1.80V
11.1V	215.0	162.4	101.3	61.4	42.3	34.6	28.5	19.6	16.8	9.00	1.85V