

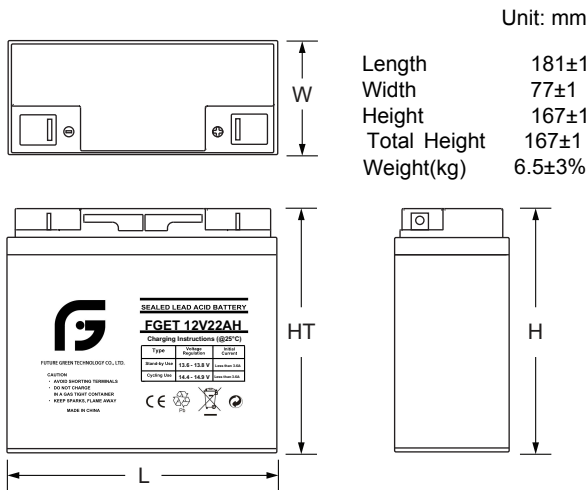
GENERAL FEATURES

- **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	22.00Ah
	1.10A to 10.50V	
	10 hour rate	21.10Ah
	2.11A to 10.50V	
	5 hour rate	19.70Ah
	3.94A to 10.20V	
Internal Resistance	3 hour rate	17.82Ah
	5.94A to 9.60V	
	1 hour rate	13.33Ah
Energy Density (20-hr. rate)	13.33A to 9.60V	
	Full Charged Battery@25°C	<13mΩ
Specific Energy (20-hr. rate)	113.43W-h/l	
	40.62W-h/kg	
Shelf Life (nominal capacity at 20°C)	1 Month	97%
	3 Months	91%
	6 Months	83%
Max.Discharge Current@25°C	7 Min.	66.0A
	Max Short-Duration Discharge Current	10 Sec 220.0A
Standby Use Charge (Constant Voltage) @25°C	Initial Charging Current	Less than 6.60A
	Voltage	13.7-13.9V
Cycle Use Charge (Constant Voltage) @25°C	Initial Charging Current	Less than 6.60A
	Voltage	14.6-14.8V
Operating Temperature Range	Charge	0°C to 50°C
	Discharge	-20°C to 60°C

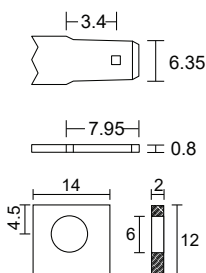
GENERAL FEATURES

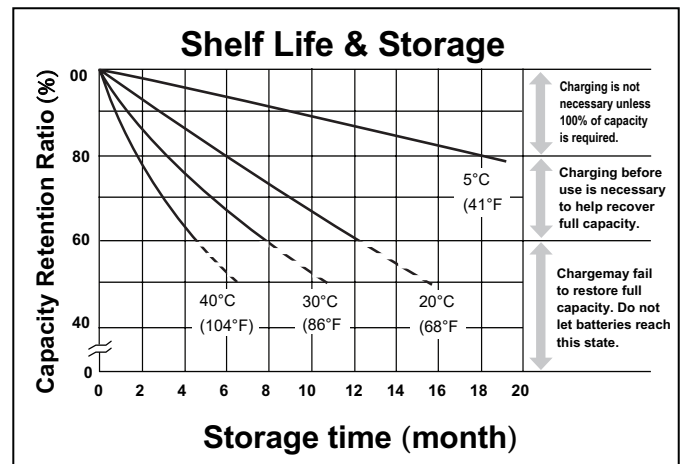
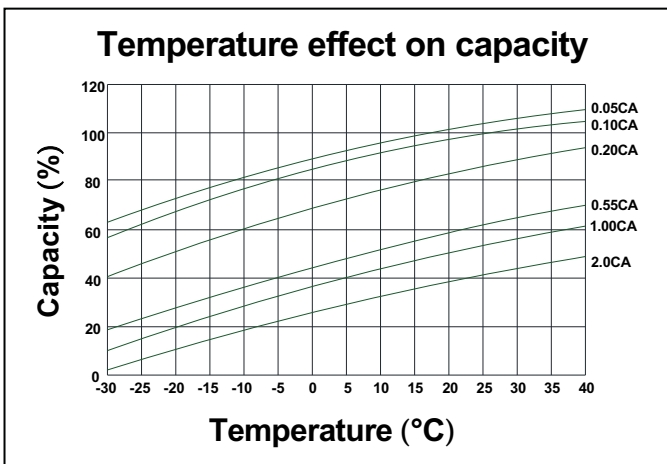
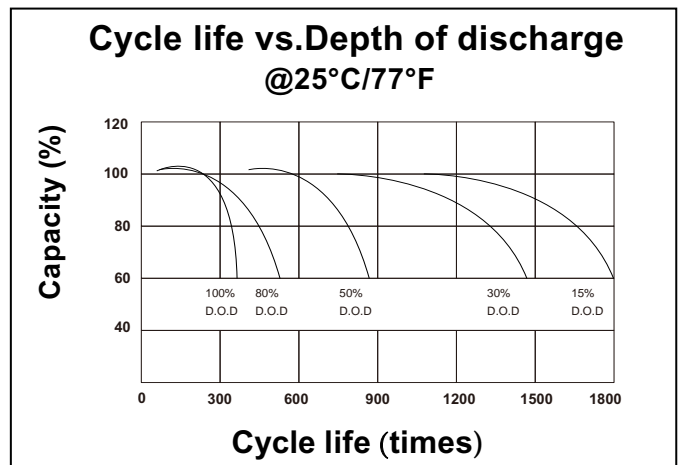
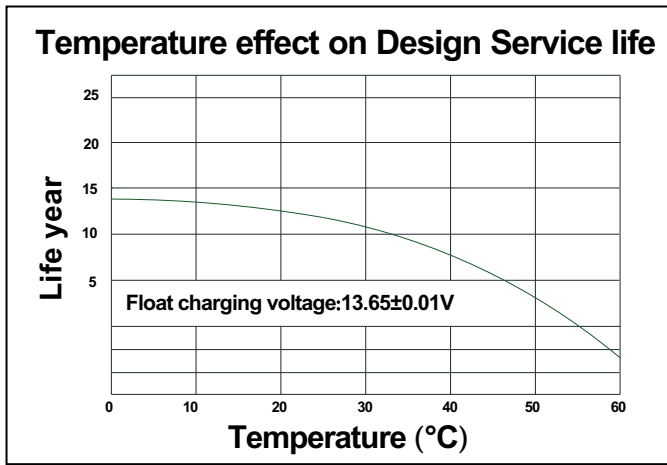
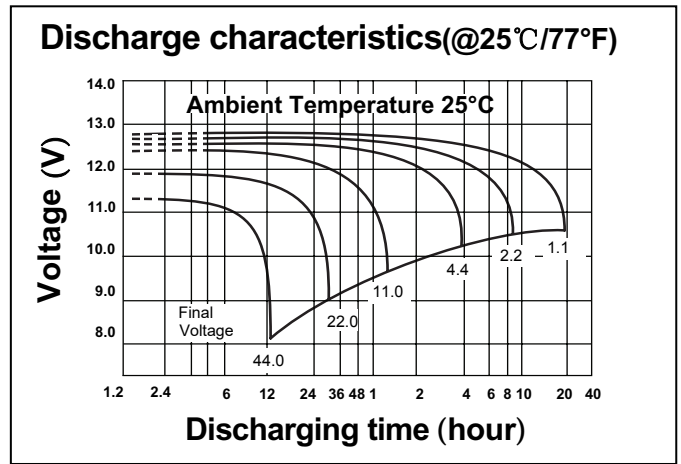
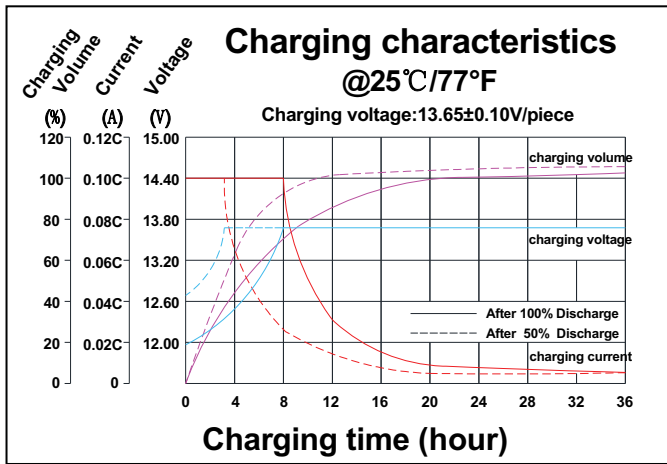


TERMINALS

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- F2: Quick disconnect AMP, INC. Faston tabs, 0.250" x 0.032"
- NB2: Tin plated brass post with nut & bolt connectors





CONSTANT CURRENT DISCHARGE RATINGS (Amperes at 25°C)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	82.86	54.04	39.87	23.07	13.33	8.280	6.019	4.793	4.046	2.703	2.202	1.145
10.0V	79.87	52.43	38.82	22.57	13.08	8.158	5.939	4.733	3.999	2.676	2.181	1.136
10.2V	75.97	50.32	37.45	21.90	12.76	7.997	5.832	4.654	3.937	2.640	2.153	1.124
10.5V	70.97	47.58	35.66	21.02	12.33	7.784	5.691	4.549	3.854	2.591	2.116	1.108
10.8V	64.66	44.09	33.36	19.88	11.77	7.504	5.505	4.410	3.745	2.527	2.067	1.086
11.1V	56.90	39.72	30.46	18.43	11.04	7.139	5.262	4.228	3.602	2.443	2.002	1.057