

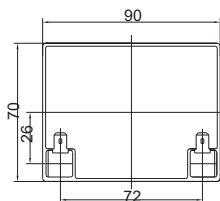
### GENERAL FEATURES

- **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

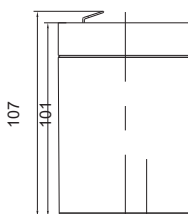
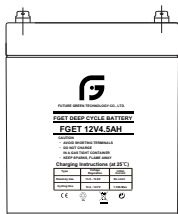
<b>Nominal Voltage</b>	12V(6 cells)	
<b>Design Floating Life @25°C</b>	12 Years	
<b>Nominal Capacity @25°C</b>	20 hour rate 0.225A to 10.50V	4.50Ah
	10 hour rate 0.433A to 10.50V	4.33Ah
	5 hour rate 0.805A to 10.20V	4.03Ah
	3 hour rate 1.215A to 9.90V	3.65Ah
	1 hour rate 2.870A to 9.60V	2.87Ah
<b>Internal Resistance</b>	Full Charged Battery@25°C <35mΩ	
<b>Energy Density (20-hr. rate)</b>	80.11W-h/l	
<b>Specific Energy (20-hr. rate)</b>	38.58W-h/kg	
<b>Shelf Life (nominal capacity at 20°C)</b>	1 Month	97%
	3 Months	91%
	6 Months	83%
<b>Max.Discharge Current@25°C</b>	7 Min.	13.5A
<b>Max Short-Duration Discharge Current</b>	10 Sec	45.0A
<b>Standby Use Charge (Constant Voltage) @25°C</b>	Initial Charging Current Less than 1.35A Voltage 13.7 - 13.9V	
	<b>Cycle Use Charge (Constant Voltage) @25°C</b> Initial Charging Current Less than 1.35A Voltage 14.6 - 14.8V	
<b>Operating Temperature Range</b>	Charge	0°C to 50°C
	Discharge	-20°C to 60°C

### GENERAL FEATURES mm



Unit: mm

Length	90±F
Width	70±F
Height	101±1
Total Height	107±1
Weight(kg)	1.40±3%

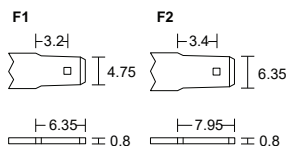


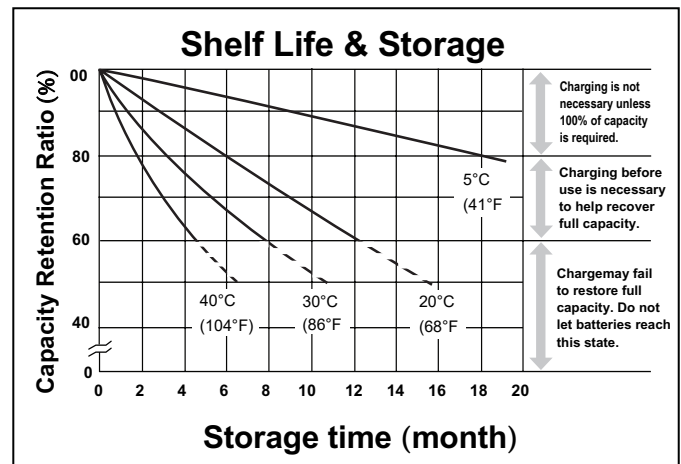
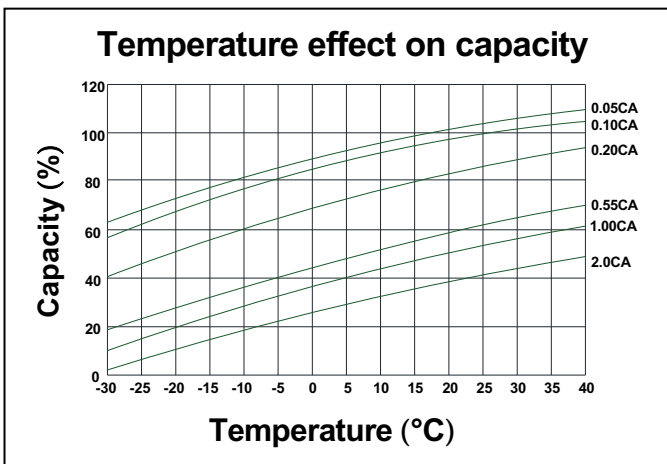
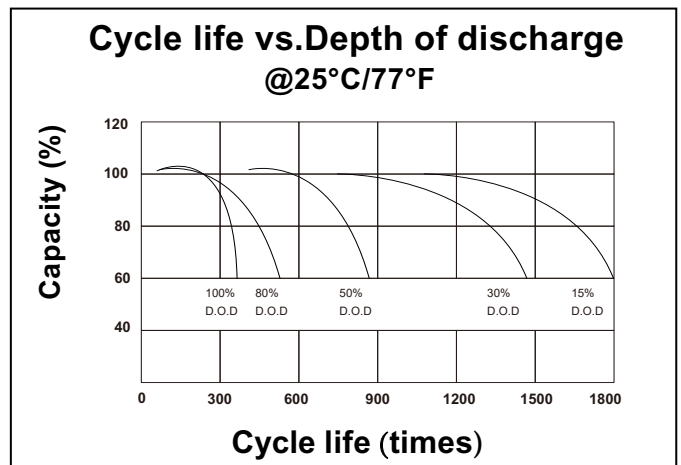
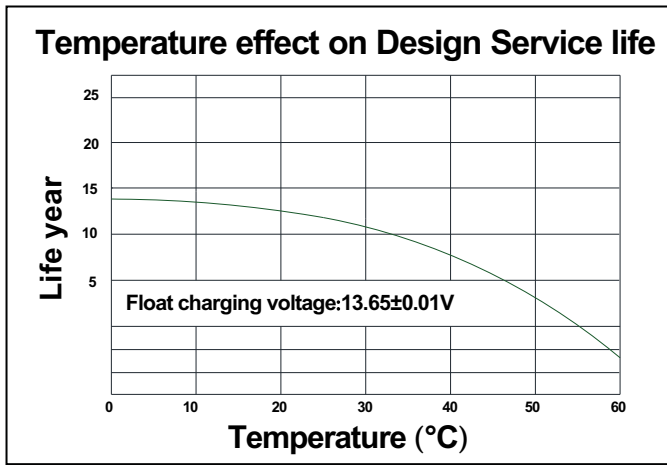
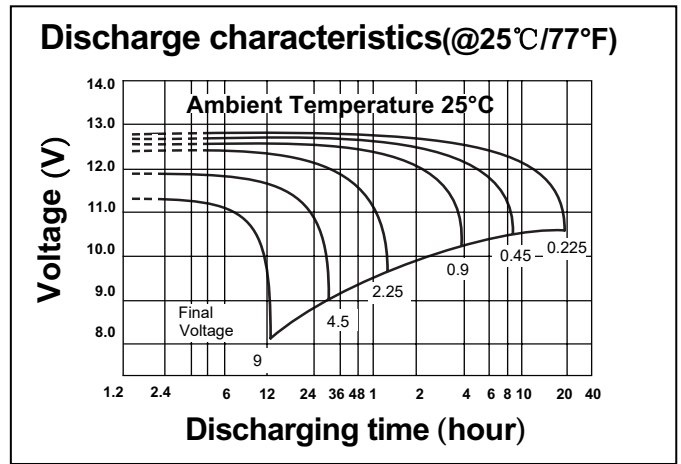
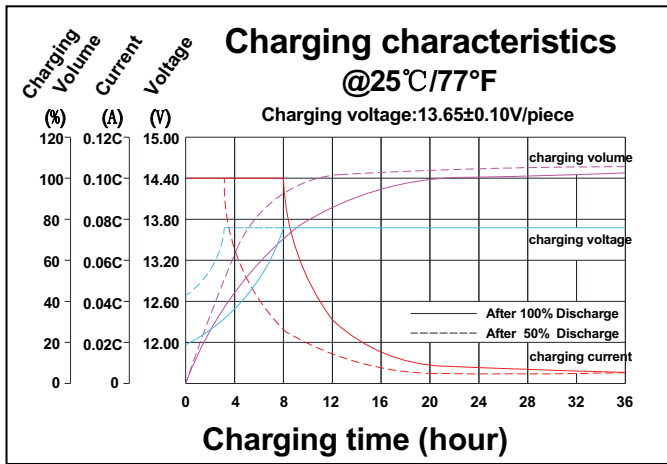
### TERMINALS mm

- F1 - Quick disconnect tabs, 0.187" x 0.032" - Mate with AMP. INC. FASTON "187" series

— OR —

- F2 - Quick disconnect tabs, 0.250" x 0.032" - Mate with AMP. INC FASTON "250" series





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

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	17.84	11.64	8.584	4.968	2.870	1.694	1.231	0.980	0.828	0.553	0.450	0.234
1.65V	17.20	11.29	8.359	4.859	2.817	1.669	1.215	0.968	0.818	0.547	0.446	0.232
1.70V	16.36	10.83	8.063	4.714	2.747	1.636	1.193	0.952	0.805	0.540	0.440	0.230
1.75V	15.28	10.25	7.678	4.526	2.654	1.592	1.164	0.930	0.788	0.530	0.433	0.227
1.80V	13.92	9.494	7.183	4.281	2.533	1.535	1.126	0.902	0.766	0.517	0.423	0.222
1.85V	12.25	8.553	6.558	3.968	2.378	1.460	1.076	0.865	0.737	0.500	0.409	0.216