

### 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

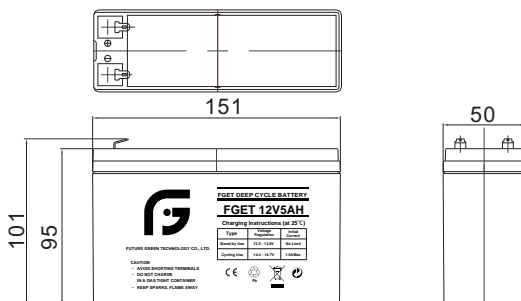
### PERFORMANCE SPECIFICATIONS

<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 0.25A to 10.50V	5.00Ah
	10 hour rate 0.481A to 10.50V	4.81Ah
	5 hour rate 0.895A to 10.20V	4.48Ah
	3 hour rate 1.35A to 9.90V	4.05Ah
	1 hour rate 3.189A to 9.60V	3.19Ah
<b>Internal Resistance</b>	Full Charged Battery@25°C	<35mΩ
<b>Energy Density (20-hr. rate)</b>	89.00W-h/l	
<b>Specific Energy (20-hr. rate)</b>	37.50W-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.	14.9A
<b>Max Short-Duration Discharge Current</b>	10 Sec	50.0A
<b>Standby Use Charge (Constant Voltage) @25°C</b>	Initial Charging Current	Less than 1.50A
	Voltage	13.7 - 13.9V
<b>Cycle Use Charge (Constant Voltage) @25°C</b>	Initial Charging Current	Less than 1.50A
	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	151±1	Total Height	101±1
Width	50±1	Weight(kg)	1.55±3%
Height	95±1		

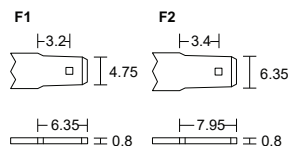


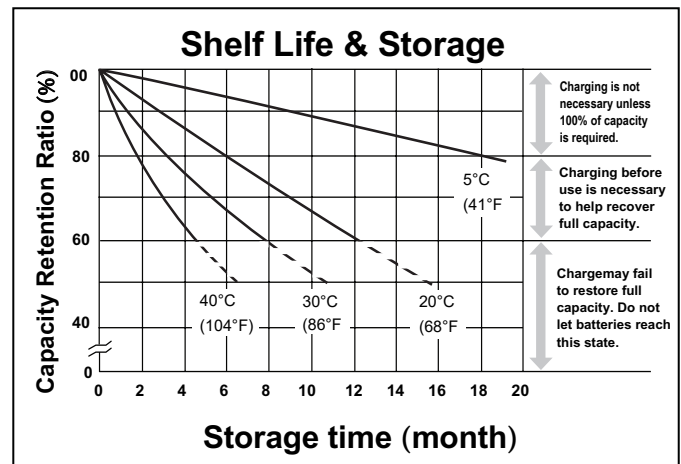
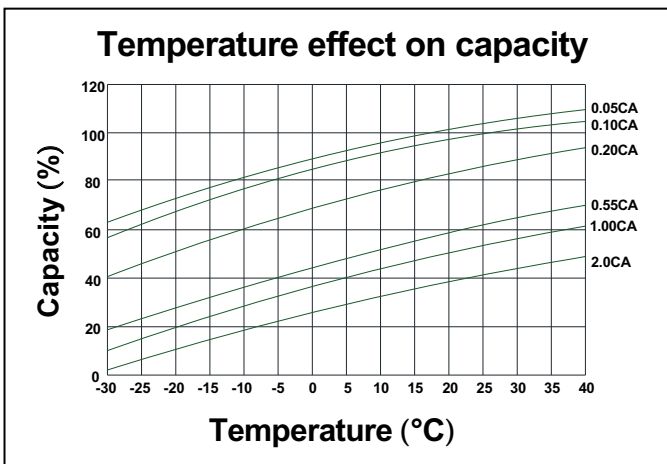
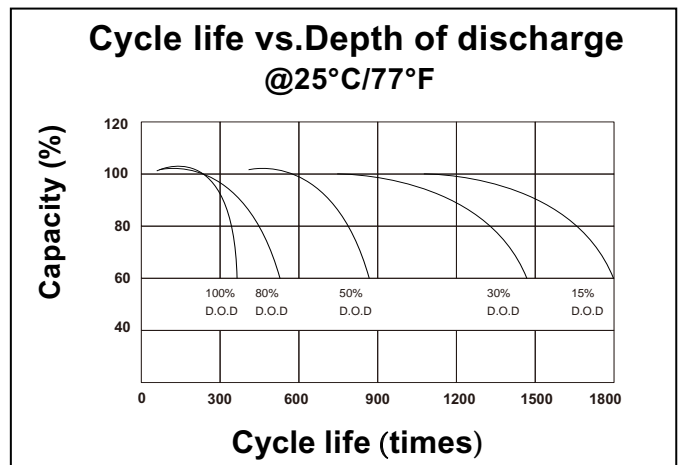
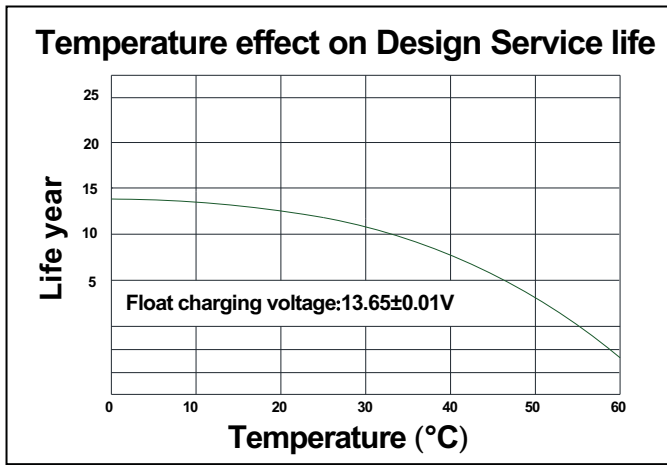
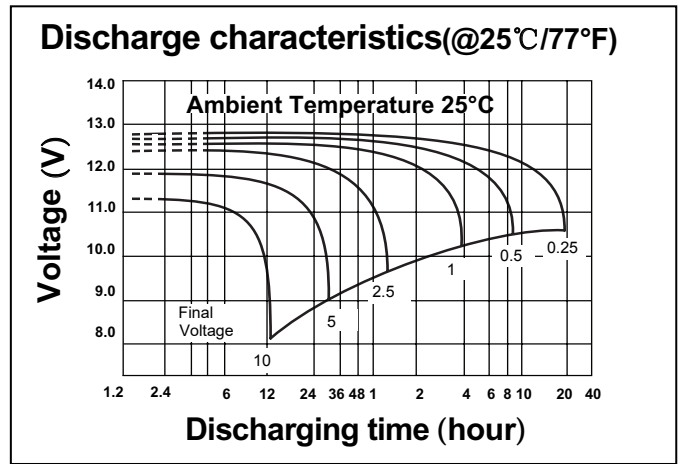
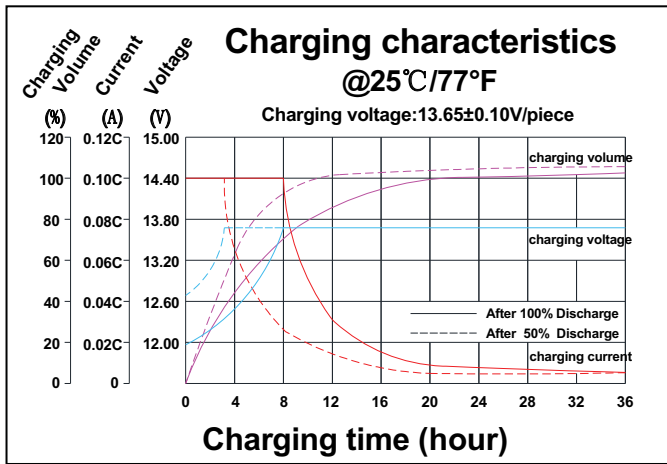
### TERMINALS mm

- 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	19.82	12.93	9.538	5.520	3.189	1.882	1.368	1.089	0.920	0.614	0.500	0.260
1.65V	19.11	12.54	9.288	5.398	3.130	1.854	1.350	1.076	0.909	0.608	0.496	0.258
1.70V	18.18	12.04	8.959	5.238	3.052	1.818	1.326	1.058	0.895	0.600	0.489	0.255
1.75V	16.98	11.38	8.531	5.028	2.949	1.769	1.293	1.034	0.876	0.589	0.481	0.252
1.80V	15.47	10.55	7.981	4.757	2.815	1.705	1.251	1.002	0.851	0.574	0.470	0.247
1.85V	13.61	9.504	7.287	4.409	2.642	1.623	1.196	0.961	0.819	0.555	0.455	0.240