

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



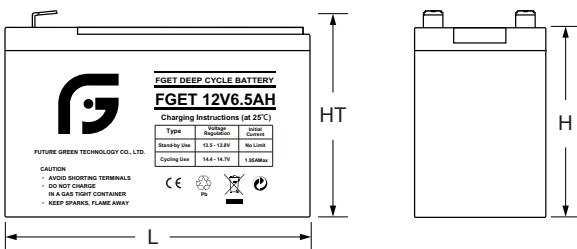
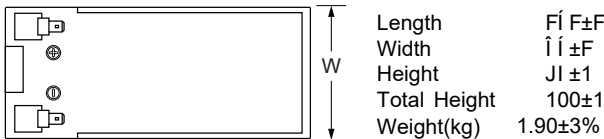
PERFORMANCE SPECIFICATIONS

Nominal Voltage	12V(6 cells)	
Design Floating Life @25°C	12 Years	
Nominal Capacity @25°C	20 hour rate 0.325A to 10.50V	6.50Ah
	10 hour rate 0.625A to 10.50V	6.25Ah
	5 hour rate 1.163A to 10.20V	5.82Ah
	3 hour rate 1.755A to 9.90V	5.27Ah
	1 hour rate 4.146A to 9.60V	4.15Ah
Internal Resistance	Full Charged Battery@25°C <32mΩ	
Energy Density (20-hr. rate)	79.47W-h/l	
Specific Energy (20-hr. rate)	41.05W-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.	19.5A
Max Short-Duration Discharge Current	10 Sec	63.2A
Standby Use Charge (Constant Voltage) @25°C	Initial Charging Current Less than 1.95A Voltage 13.7 - 13.9V	
	Cycle Use Charge (Constant Voltage) @25°C Initial Charging Current Less than 1.95A Voltage 14.6 - 14.8V	
Operating Temperature Range	Charge	0°C to 50°C
	Discharge	-20°C to 60°C

GENERAL FEATURES

mm

Unit: mm



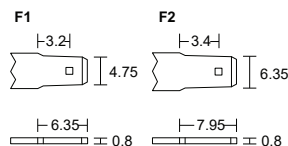
TERMINALS

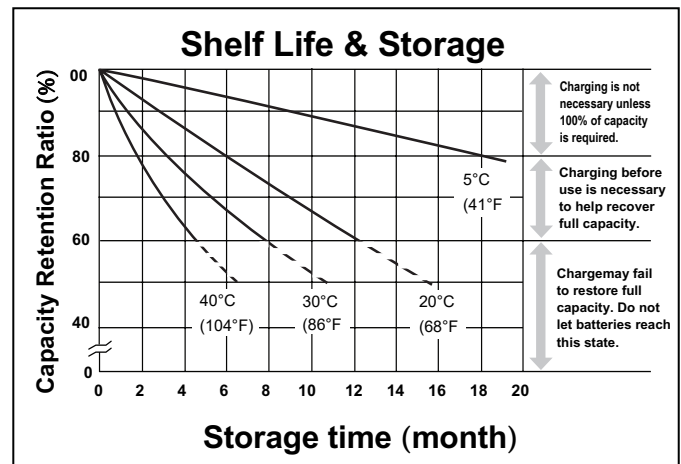
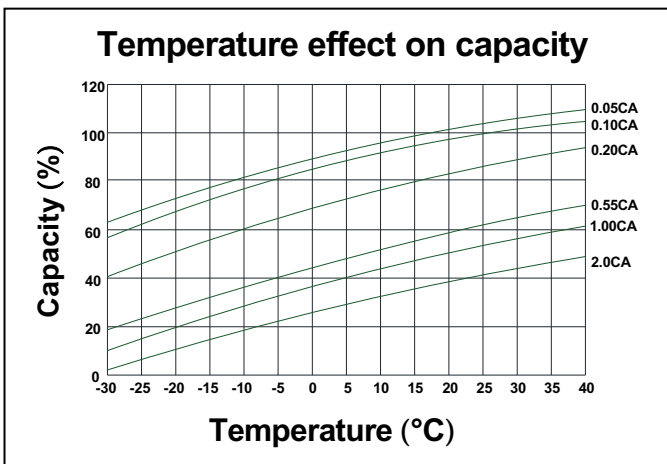
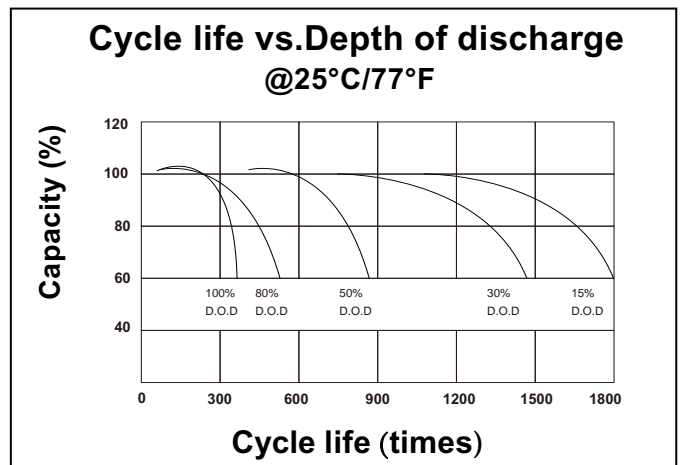
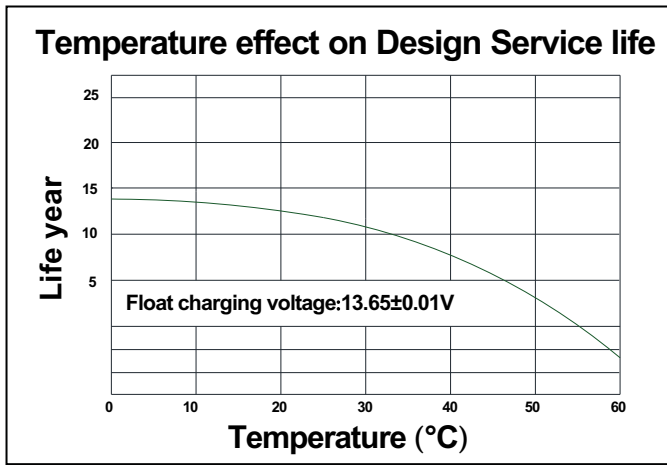
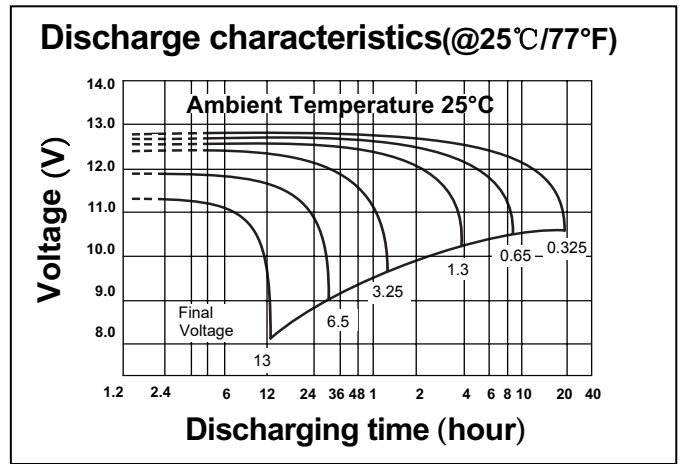
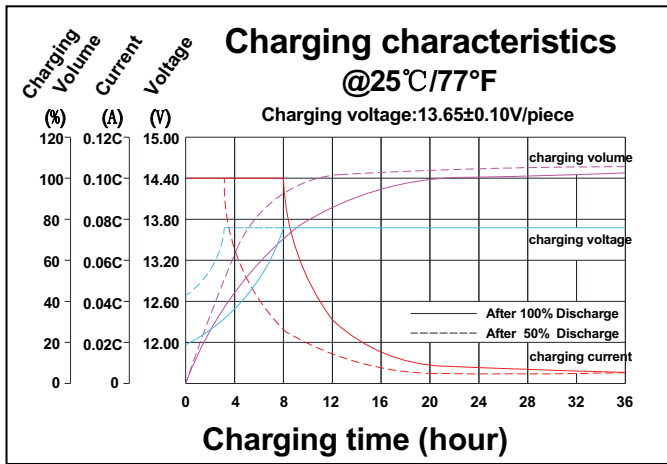
mm

- 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	25.77	16.81	12.40	7.176	4.146	2.446	1.778	1.416	1.195	0.799	0.651	0.338
1.65V	24.84	16.31	12.07	7.018	4.069	2.410	1.755	1.398	1.182	0.791	0.644	0.336
1.70V	23.63	15.65	11.65	6.810	3.968	2.363	1.723	1.375	1.163	0.780	0.636	0.332
1.75V	22.07	14.80	11.09	6.537	3.834	2.300	1.681	1.344	1.139	0.766	0.625	0.327
1.80V	20.11	13.71	10.38	6.184	3.659	2.217	1.626	1.303	1.106	0.747	0.611	0.321
1.85V	17.70	12.355	9.473	5.732	3.434	2.109	1.555	1.249	1.064	0.722	0.591	0.312