

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

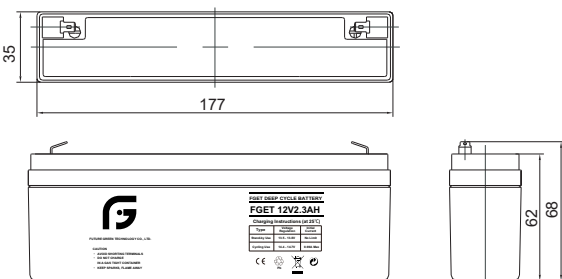
PERFORMANCE SPECIFICATIONS

Nominal Voltage	12V(6 cells)	
Design Floating Life @25°C	12 Years	
Nominal Capacity @25°C	20 hour rate 0.115A to 10.50V	2.30Ah
	10 hour rate 0.221A to 10.50V	2.21Ah
	5 hour rate 0.412A to 10.20V	2.06Ah
	3 hour rate 0.621A to 9.90V	1.86Ah
	1 hour rate 1.467A to 9.60V	1.47Ah
Internal Resistance	Full Charged Battery@25°C <50mΩ	
Energy Density (20-hr. rate)	65.52W-h/l	
Specific Energy (20-hr. rate)	28.45W-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.	6.90A
Max Short-Duration Discharge Current	10 Sec	23.0A
Standby Use Charge (Constant Voltage) @25°C	Initial Charging Current Less than 0.69A Voltage 13.7 - 13.9V	
	Cycle Use Charge (Constant Voltage) @25°C Initial Charging Current Less than 0.69A 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

Length	F77±F	Total Height	68±1
Width	35±F	Weight(kg)	0.97±3%
Height	62±1		

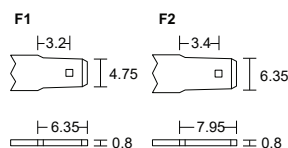


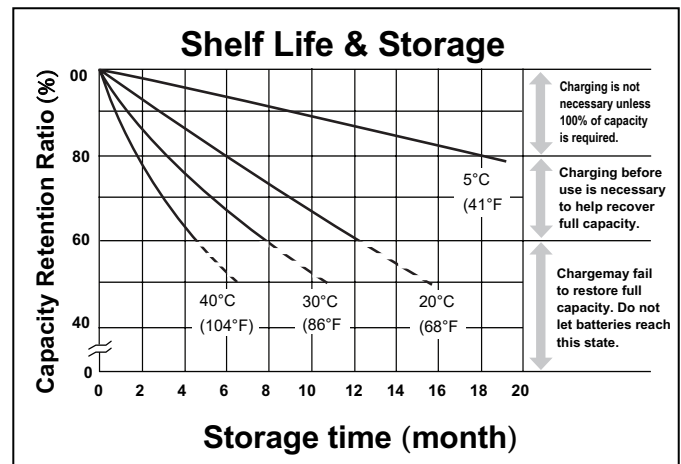
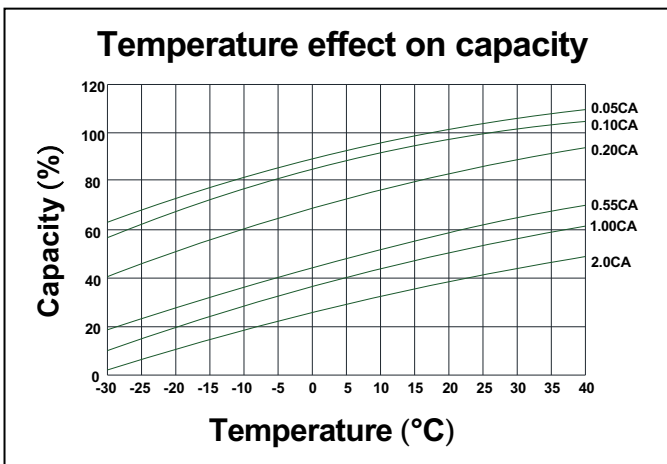
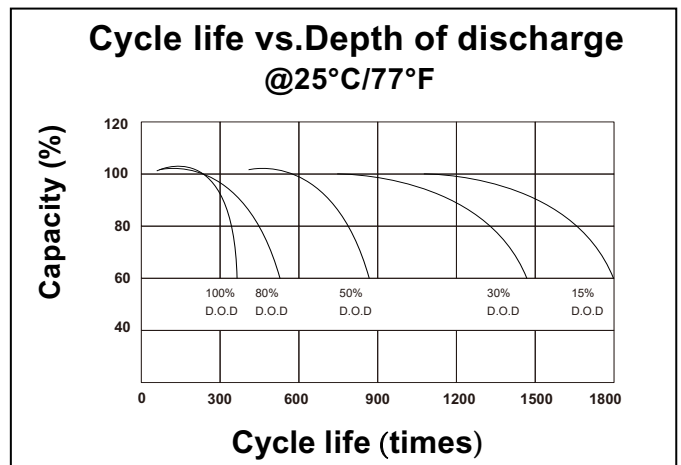
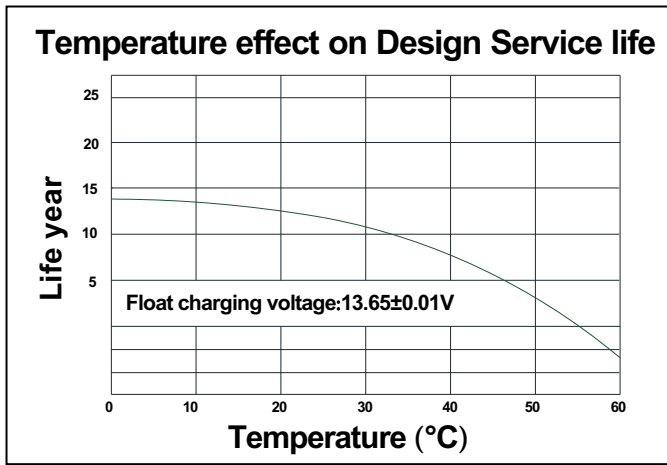
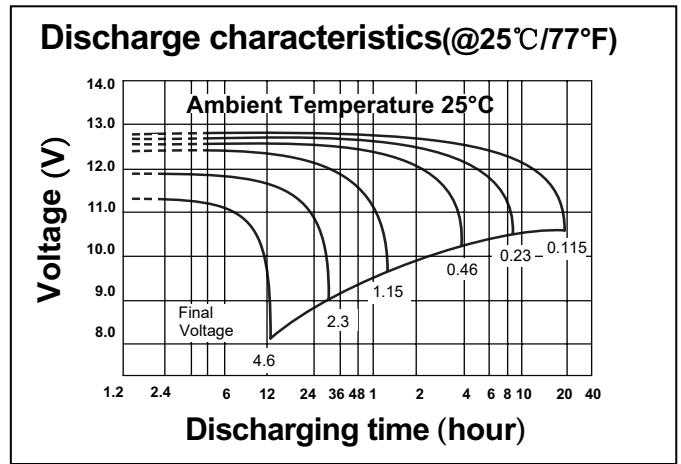
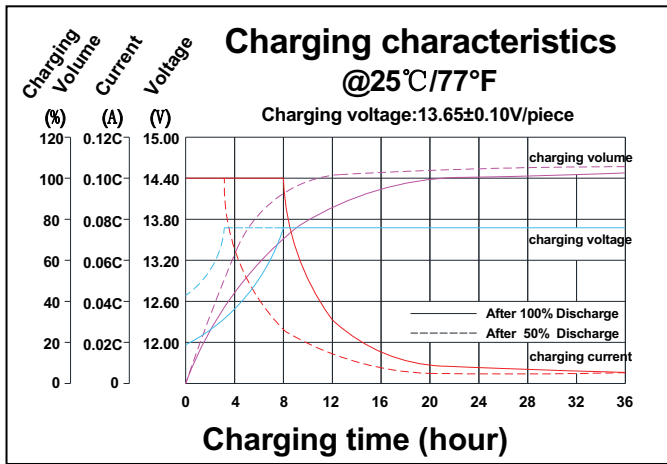
TERMINALS mm

- 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	9.119	5.947	4.387	2.539	1.467	0.866	0.629	0.501	0.423	0.283	0.230	0.120
1.65V	8.790	5.770	4.272	2.483	1.440	0.853	0.621	0.495	0.418	0.280	0.228	0.119
1.70V	8.361	5.538	4.121	2.410	1.404	0.836	0.610	0.487	0.412	0.276	0.225	0.118
1.75V	7.810	5.237	3.924	2.313	1.357	0.814	0.595	0.476	0.403	0.271	0.221	0.116
1.80V	7.116	4.852	3.671	2.188	1.295	0.784	0.576	0.461	0.392	0.264	0.216	0.114
1.85V	6.262	4.372	3.352	2.028	1.215	0.746	0.550	0.442	0.377	0.255	0.209	0.111