

GENERAL FEATURES

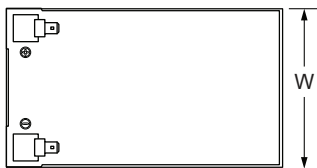
- **Long Service Life** - Thick plate design and efficient gas recombination yield a service life expectancy of up to 10 years in standby mode.
- **Low Internal Resistance** - Superb high-rate discharge characteristics ensure reliable performance in UPS and Telecom applications.
- **Maintenance-Free, 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	12.00Ah
	0.60A to 10.50V	
	10 hour rate	11.50Ah
	1.15A to 10.50V	
	5 hour rate	10.75Ah
	2.15A to 10.20V	
Internal Resistance	3 hour rate	9.72Ah
	3.24A to 9.90V	
	1 hour rate	7.65Ah
	7.65A to 9.60V	
Energy Density (20-hr. rate)	96.35W-h/l	
Specific Energy (20-hr. rate)	40.00W-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.	36.0A
Max Short-Duration Discharge Current	10 Sec	50.0A
Standby Use Charge (Constant Voltage) @25°C	Initial Charging Current	
	Less than 3.60A Voltage 13.7 - 13.9V	
Cycle Use Charge (Constant Voltage) @25°C	Initial Charging Current	
	Less than 3.60A Voltage 14.6 - 14.8V	
Operating Temperature Range	Charge	0°C to 50°C
	Discharge	-20°C to 60°C

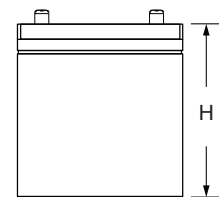
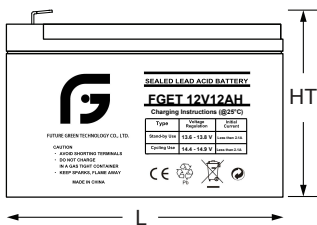
GENERAL FEATURES

mm



Unit: mm

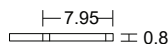
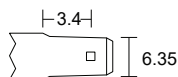
Length	151±1
Width	98±1
Height	95±1
Total Height	101±1
Weight(kg)	3.60±3%



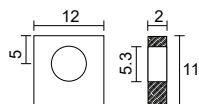
TERMINALS

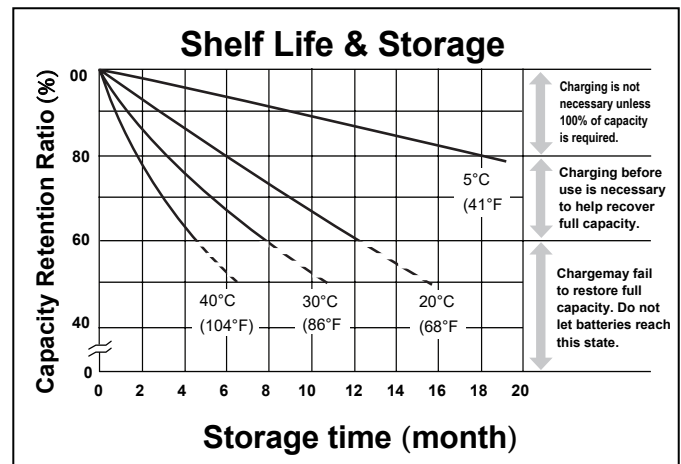
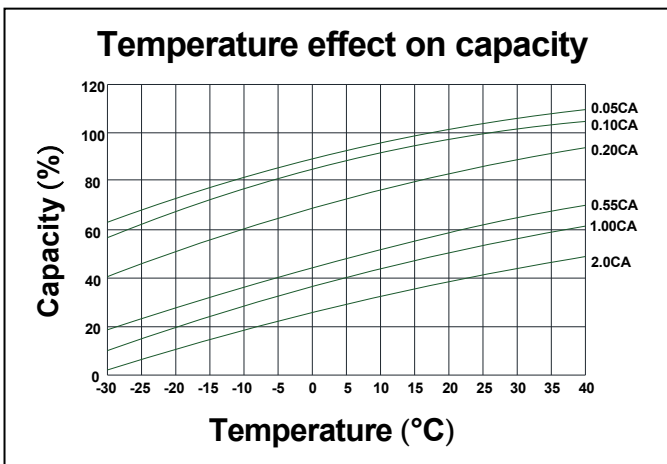
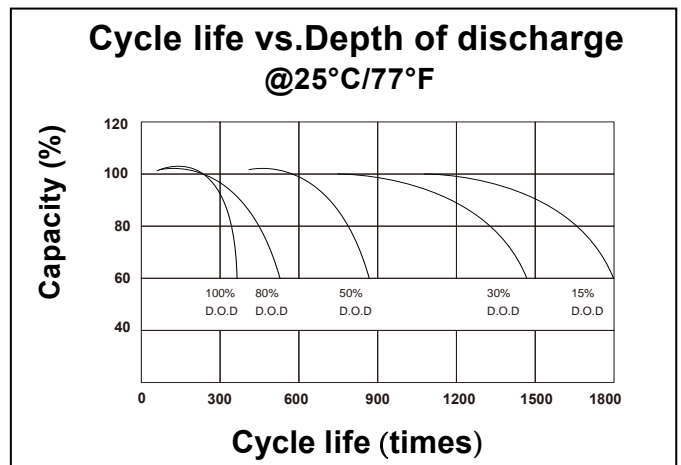
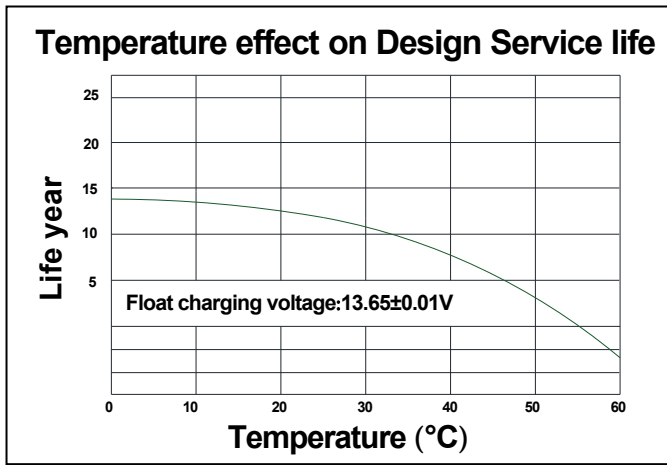
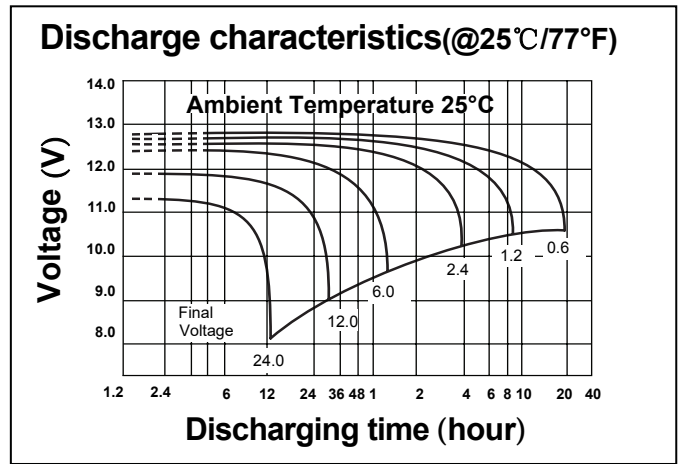
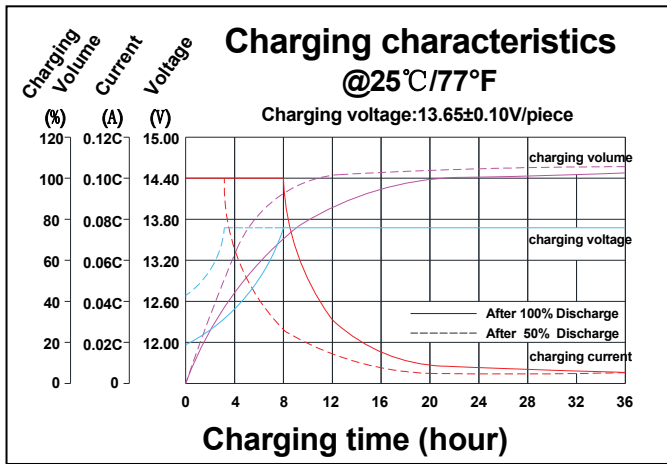
mm

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



- NB - Tin plated brass posts with nut & bolt fasteners





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	47.58	31.03	22.89	13.25	7.654	4.516	3.283	2.614	2.207	1.475	1.201	0.625
10.0V	45.86	30.10	22.29	12.96	7.513	4.450	3.239	2.582	2.181	1.460	1.190	0.620
10.2V	43.62	28.89	21.50	12.57	7.325	4.362	3.181	2.539	2.147	1.440	1.174	0.613
10.5V	40.75	27.32	20.48	12.07	7.078	4.246	3.104	2.481	2.102	1.414	1.154	0.604
10.8V	37.13	25.32	19.16	11.42	6.755	4.093	3.003	2.405	2.043	1.379	1.127	0.592
11.1V	32.67	22.81	17.49	10.58	6.340	3.894	2.870	2.306	1.964	1.332	1.092	0.577