

GENERAL FEATURES

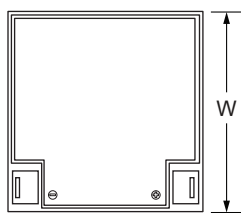
- **Long Service Life** - Thick plate design and efficient gas recombination yield a service life expectancy of up to 10 years in standby mode.
- **Low Internal Resistance** - Superb high-rate discharge characteristics ensure reliable performance in UPS and Telecom applications.
- **Maintenance-Free, 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	24.00Ah
	1.20A to 10.50V	
	10 hour rate	23.00Ah
	2.30A to 10.50V	
	5 hour rate	21.50Ah
	4.30A to 10.20V	
Internal Resistance	3 hour rate	19.44Ah
	6.48A to 9.90V	
	1 hour rate	14.54Ah
Energy Density (20-hr. rate)	14.54A to 9.60V	
	Full Charged Battery@25°C	<16mΩ
Specific Energy (20-hr. rate)	77.97W-h/l	
Shelf Life (nominal capacity at 20°C)	38.40W-h/kg	
	1 Month	97%
	3 Months	91%
Max.Discharge Current@25°C	6 Months	83%
	7 Min.	71.94A
Max Short-Duration Discharge Current	10 Sec	239.80A
	Standby Use Charge (Constant Voltage) @25°C	Initial Charging Current
Cycle Use Charge (Constant Voltage) @25°C		Less than 7.2A
	Operating Temperature Range	Voltage 13.7-13.9V
Charge		Initial Charging Current
	Discharge	Less than 7.2A
		Voltage 14.6-14.8 V
		0°C to 50°C
		-20°C to 60°C

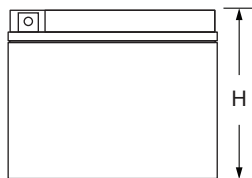
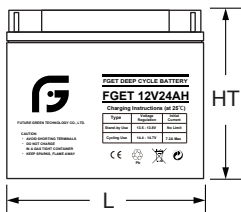
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mm



Unit: mm

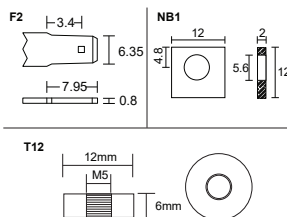
Length	166±1
Width	178±1
Height	125±1
Total Height	125±1
Weight(kg)	7.5±3%

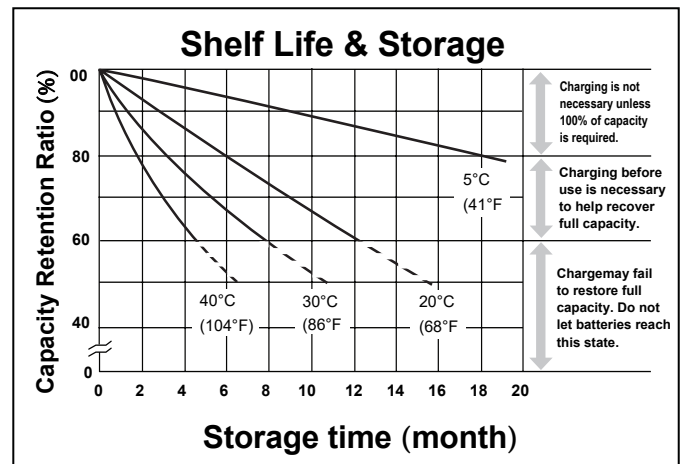
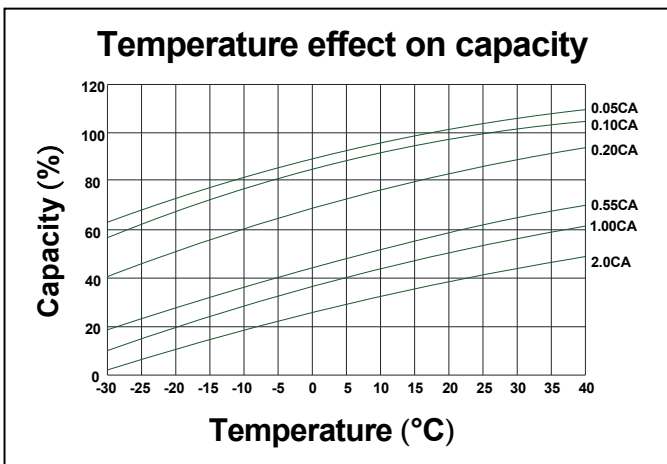
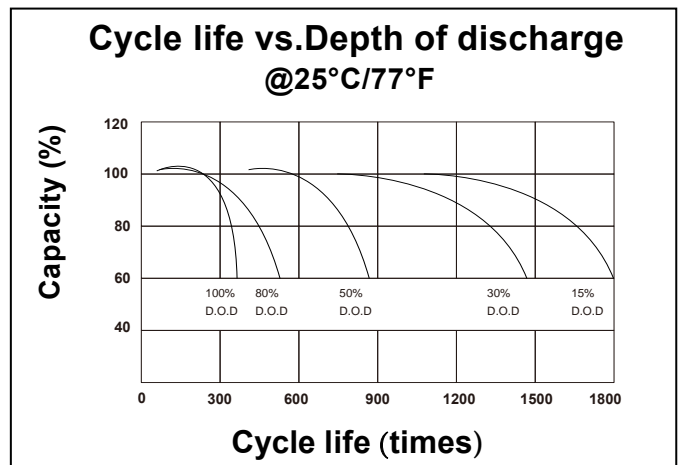
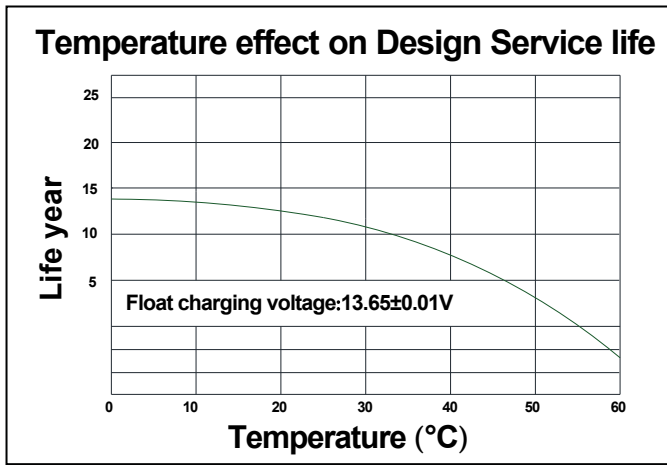
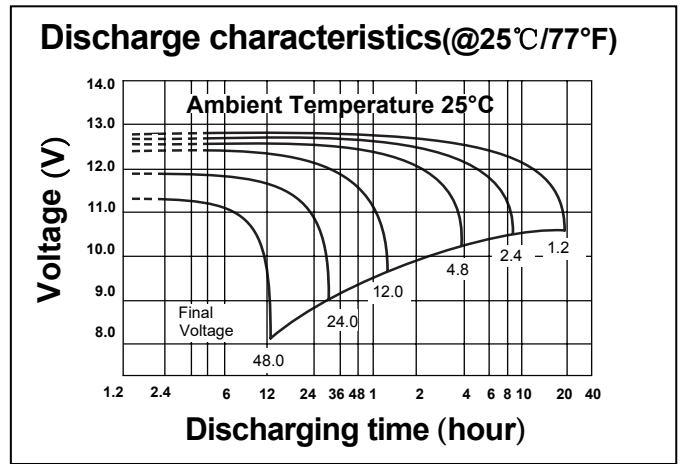
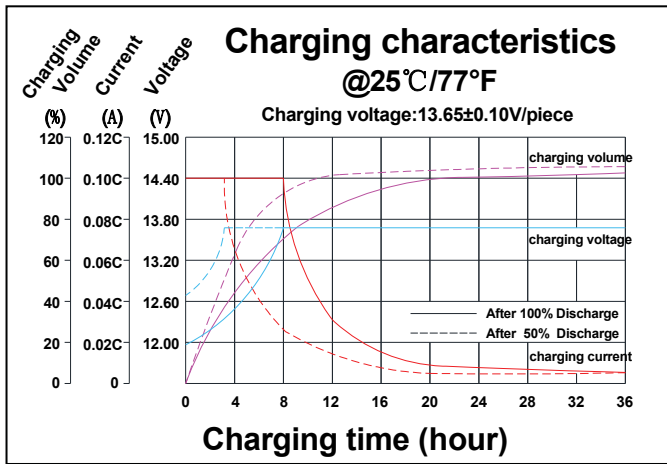


TERMINALS

mm

- F2 - Quick disconnect tabs, 0.250" x 0.032" - Mate with AMP. INC FASTON "250" series
- NB1- Tin plated brass post with 5mm nut & bolt connectors
- T12 - Threaded insert with 5mm stud





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	90.40	58.96	43.49	25.17	14.54	9.032	6.566	5.229	4.414	2.949	2.402	1.250
10.0V	87.13	57.20	42.35	24.62	14.27	8.900	6.479	5.164	4.363	2.920	2.379	1.240
10.2V	82.88	54.89	40.85	23.89	13.92	8.724	6.363	5.077	4.295	2.880	2.349	1.226
10.5V	77.42	51.91	38.90	22.93	13.45	8.492	6.208	4.962	4.205	2.827	2.308	1.208
10.8V	70.54	48.10	36.40	21.69	12.84	8.186	6.005	4.811	4.085	2.757	2.255	1.185
11.1V	62.08	43.34	33.23	20.11	12.05	7.788	5.740	4.613	3.929	2.665	2.184	1.153