



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

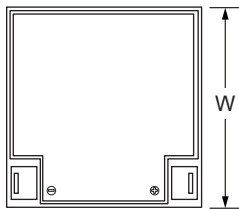
PERFORMANCE SPECIFICATIONS

Nominal Voltage	12V(6 cells)	
Design Floating Life @25°C	12 Years	
Nominal Capacity @25°C	20 hour rate	28.00Ah
	10 hour rate	27.00Ah
	5 hour rate	25.05Ah
	1 hour rate	16.97Ah
Internal Resistance	Full Charged Battery@25°C	<9mΩ
	Energy Density (20-hr. rate)	90.97W-h/l
Specific Energy (20-hr. rate)	39.07W-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.	84.0A
Max Short-Duration Discharge Current	10 Sec	280.0A
Standby Use Charge (Constant Voltage) @25°C	Initial Charging Current	Less than 8.4A
	Voltage	13.7-13.9V
Cycle Use Charge (Constant Voltage) @25°C	Initial Charging Current	Less than 8.4A
	Voltage	14.6-14.8 V
Operating Temperature Range	Charge	0°C to 50°C
	Discharge	-20°C to 60°C

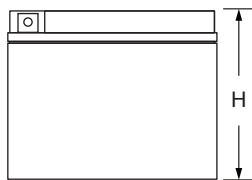
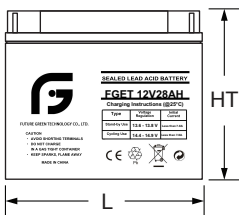
GENERAL FEATURES

mm

Unit: mm



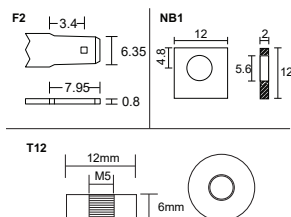
Length	166±1
Width	178±1
Height	125±1
Total Height	125±1
Weight(kg)	8.6±3%

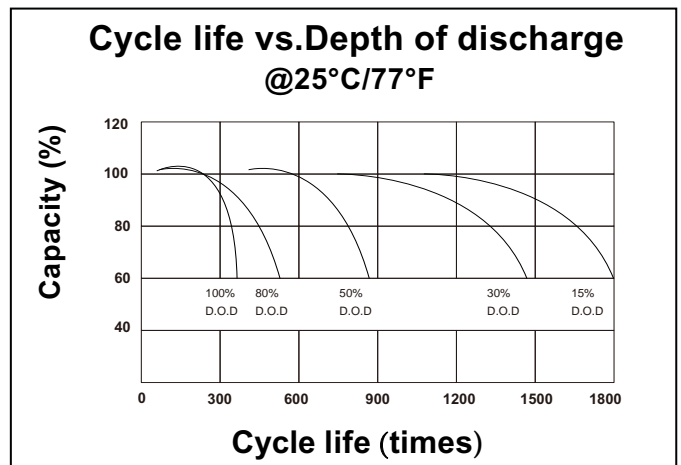
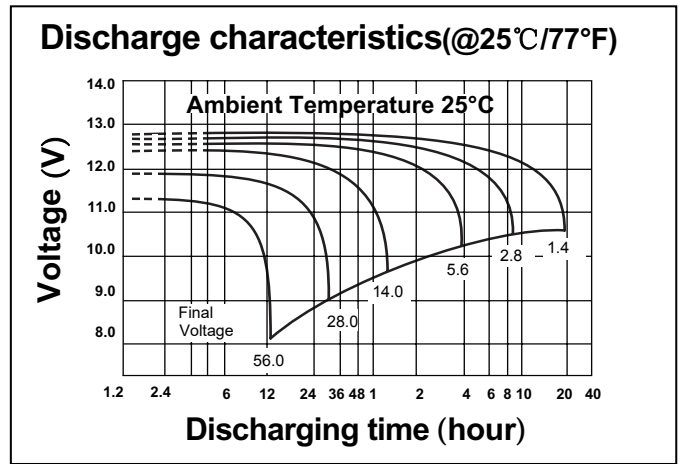


TERMINALS

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	105.46	68.78	50.74	29.36	16.97	10.54	7.660	6.100	5.149	3.441	2.802	1.458
10.0V	101.65	66.73	49.41	28.72	16.65	10.38	7.559	6.024	5.090	3.406	2.776	1.446
10.2V	96.70	64.04	47.66	27.87	16.24	10.18	7.423	5.923	5.011	3.360	2.740	1.431
10.5V	90.33	60.56	45.39	26.75	15.69	9.907	7.243	5.789	4.906	3.298	2.693	1.410
10.8V	82.30	56.12	42.46	25.31	14.97	9.550	7.006	5.613	4.766	3.217	2.631	1.382
11.1V	72.42	50.56	38.77	23.46	14.05	9.086	6.697	5.382	4.584	3.109	2.548	1.346