



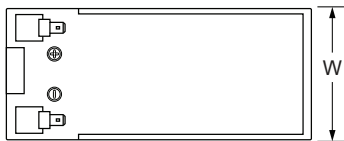
GENERAL FEATURES

- **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

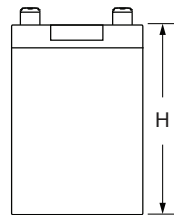
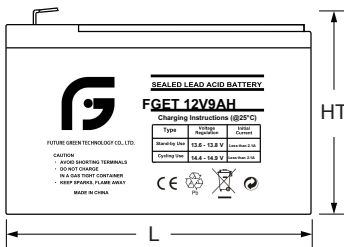
GENERAL FEATURES

mm

Unit: mm



Length $F1 \pm F$
 Width $I \pm F$
 Height $J1 \pm 1$
 Total Height 100 ± 1
 Weight(kg) $6.5 \pm 3\%$



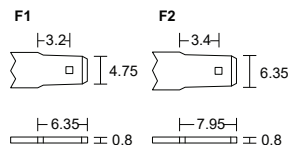
TERMINALS

mm

- F1 - Quick disconnect tabs, 0.187" x 0.032" - Mate with AMP. INC. FASTON "187" series

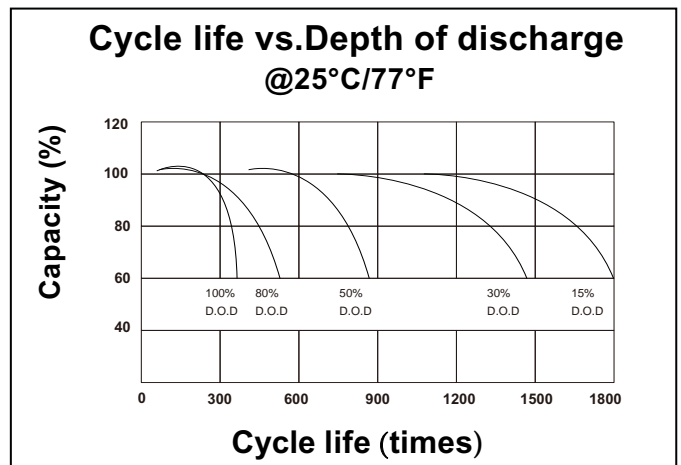
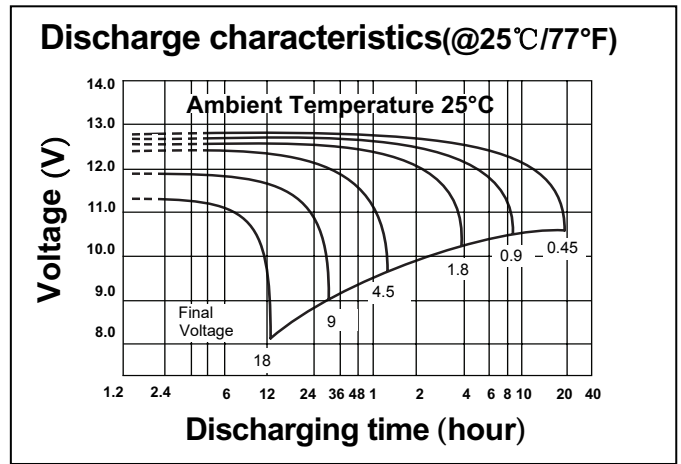
— OR —

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



PERFORMANCE SPECIFICATIONS

Nominal Voltage	12V(6 cells)	
Design Floating Life @25°C	12 Years	
Nominal Capacity @25°C	20 hour rate	9.00Ah
	0.45A to 10.50V	
	10 hour rate	8.70Ah
	0.87A to 10.50V	
Internal Resistance	5 hour rate	8.05Ah
	1.61A to 10.20V	
	3 hour rate	7.29Ah
	2.43A to 9.90V	
Energy Density (20-hr. rate)	1 hour rate	5.74Ah
	5.74A to 9.60V	
	Full Charged Battery@25°C	<18mΩ
Specific Energy (20-hr. rate)	1 Month	97%
	3 Months	91%
	6 Months	83%
Shelf Life (nominal capacity at 20°C)	7 Min.	27.0A
	10 Sec	90.0A
Max.Discharge Current@25°C	Initial Charging Current	Less than 2.70A
	Max Short-Duration Discharge Current	Voltage 13.7 - 13.9V
Standby Use Charge (Constant Voltage) @25°C	Initial Charging Current	Less than 2.70A
	Cycle Use Charge (Constant Voltage) @25°C	Voltage 14.6 - 14.8V
Operating Temperature Range	Charge	0°C to 50°C
	Discharge	-20°C to 60°C



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	26.92	17.74	13.22	7.650	4.465	2.634	1.915	1.525	1.287	0.860	0.701	0.364
1.65V	25.95	17.21	12.87	7.482	4.382	2.596	1.890	1.506	1.273	0.852	0.694	0.362
1.70V	24.68	16.52	12.42	7.260	4.273	2.545	1.856	1.481	1.253	0.840	0.685	0.358
1.75V	23.06	15.62	11.82	6.969	4.129	2.477	1.811	1.447	1.226	0.825	0.673	0.352
1.80V	21.01	14.47	11.06	6.593	3.941	2.388	1.752	1.403	1.192	0.804	0.658	0.346
1.85V	18.49	13.04	10.10	6.111	3.698	2.272	1.674	1.345	1.146	0.777	0.637	0.336