

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

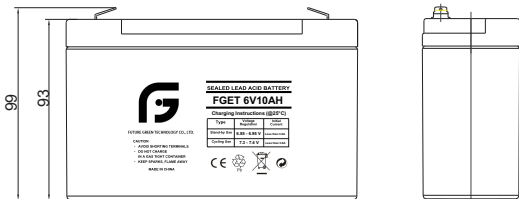
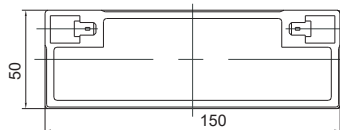
Nominal Voltage	6V(3 cells)	
Design Floating Life @25°C	12 Years	
Nominal Capacity @25°C	20 hour rate 0.50A to 5.4V	10.0Ah
	10 hour rate 0.939A to 5.4V	9.39Ah
	5 hour rate 1.79A to 5.1V	8.95Ah
	3 hour rate 2.699A to 4.95V	8.097Ah
	1 hour rate 6.379A to 4.80V	6.379Ah
	Internal Resistance	Full Charged Battery@25°C
Energy Density (20-hr. rate)	108.72W-h/l	
Specific Energy (20-hr. rate)	35.72W-h/kg	
Shelf Life (nominal capacity at 20°C)	1 Month	97%
	3 Months	91%
	6 Months	83%
Standby Use Charge (Constant Voltage) @25°C	Initial Charging Current Less than 3.0A Voltage 6.85 - 6.95V	
	Cycle Use Charge (Constant Voltage) @25°C	
Operating Temperature Range	Charge	0°C to 50°C
	Discharge	-20°C to 60°C

GENERAL FEATURES

mm

Unit: mm

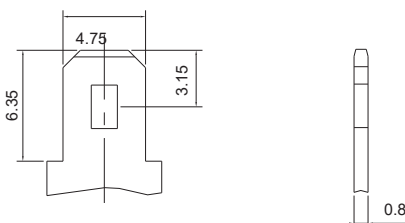
Length	150±1	Total Height	99±1
Width	50±1	Weight(kg)	1.55±3%
Height	93±1		

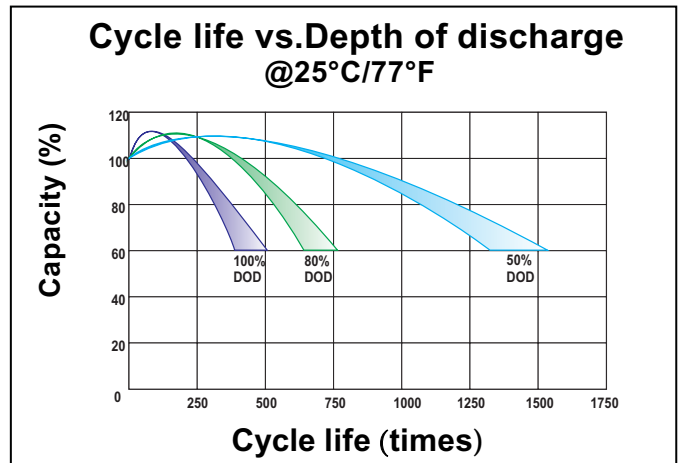
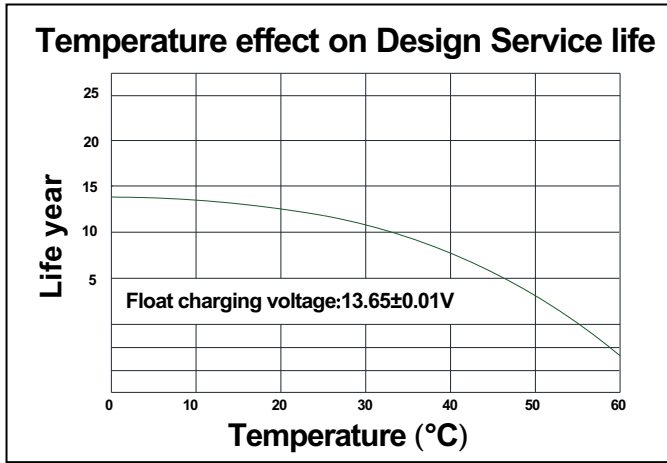
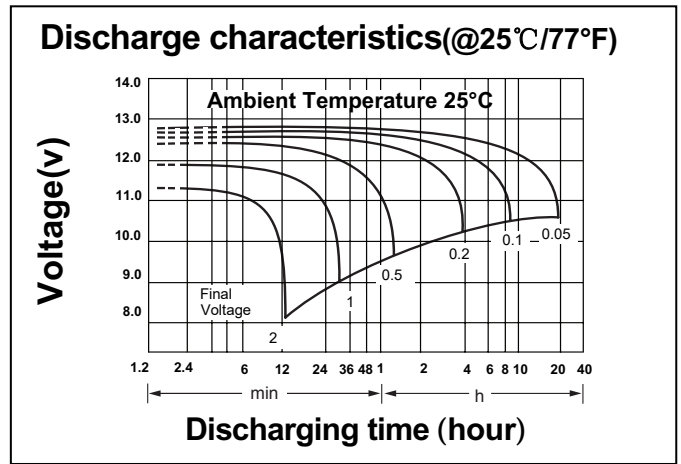


TERMINALS

mm

F1 Terminal





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	39.65	25.86	19.08	11.04	6.379	3.763	2.736	2.179	1.839	1.229	1.001	0.521
1.65V	38.22	25.09	18.58	10.80	6.261	3.708	2.699	2.152	1.818	1.216	0.991	0.517
1.70V	36.35	24.08	17.92	10.48	6.104	3.635	2.651	2.115	1.790	1.200	0.979	0.511
1.75V	33.96	22.77	17.06	10.06	5.898	3.538	2.587	2.068	1.752	1.178	0.962	0.504
1.80V	30.94	21.10	15.96	9.513	5.630	3.411	2.502	2.005	1.702	1.149	0.939	0.494