

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

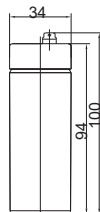
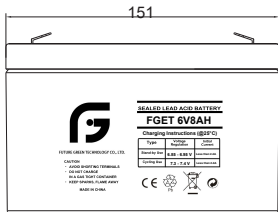
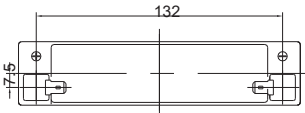
PERFORMANCE SPECIFICATIONS

Nominal Voltage	6V(3 cells)	
Design Floating Life @25°C	12 Years	
Nominal Capacity @25°C	20 hour rate 0.40A to 5.4V	8.0Ah
	10 hour rate 0.752A to 5.4V	7.52Ah
	5 hour rate 1.432A to 5.1V	6.44Ah
	3 hour rate 2.16A to 4.95V	6.48Ah
Internal Resistance	1 hour rate 5.103A to 4.80V	5.103Ah
	Full Charged Battery@25°C	<12mΩ
Energy Density (20-hr. rate)	93.50W-h/l	
Specific Energy (20-hr. rate)	40.40W-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 2.4A Voltage 6.85 - 6.95V	
	Cycle Use Charge (Constant Voltage) @25°C	
Operating Temperature Range	Initial Charging Current Less than 2.4A Voltage 7.30 - 7.40V	
	Charge	0°C to 50°C
	Discharge	-20°C to 60°C

GENERAL FEATURES mm

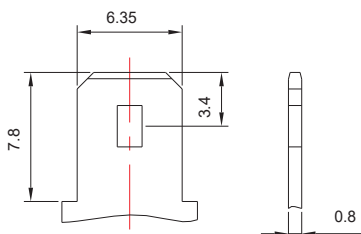
Unit: mm

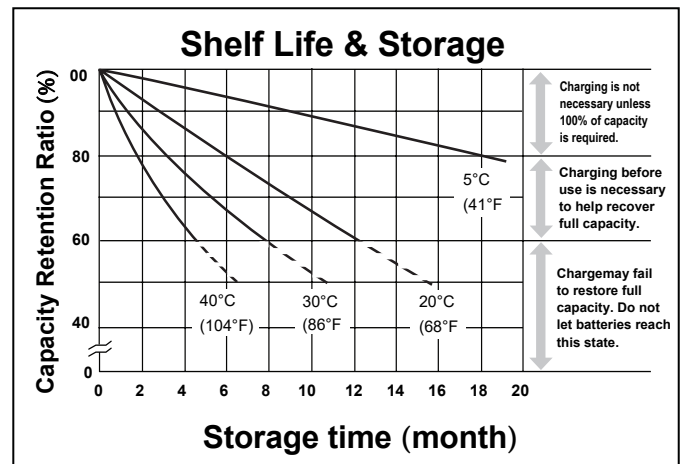
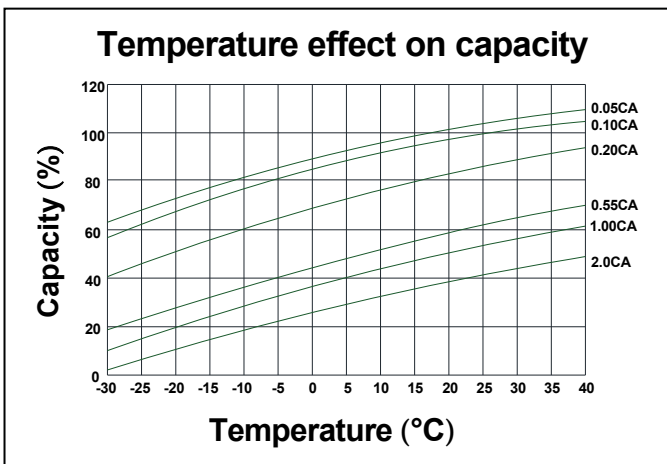
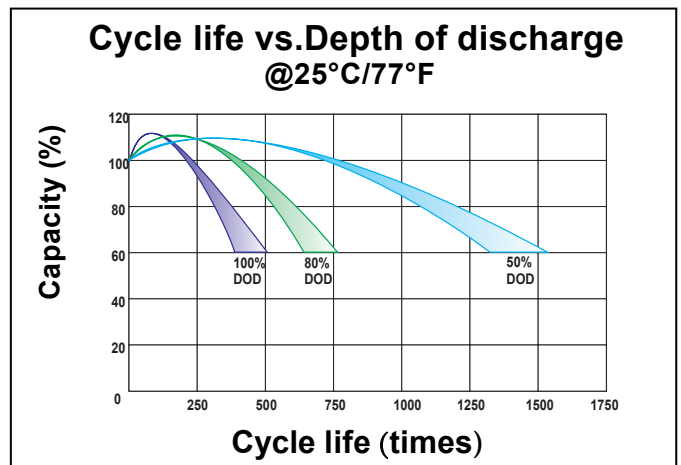
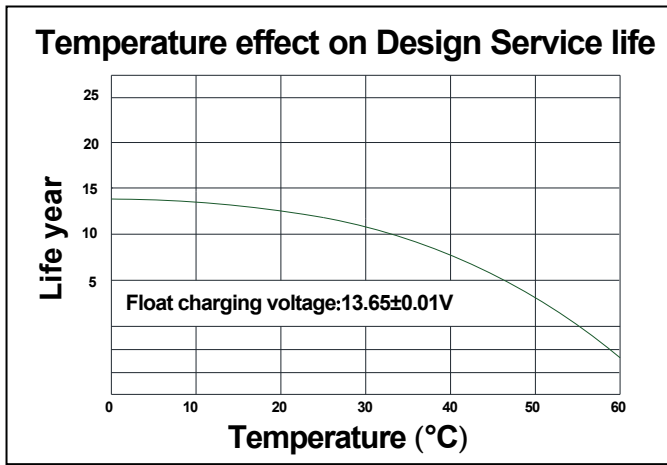
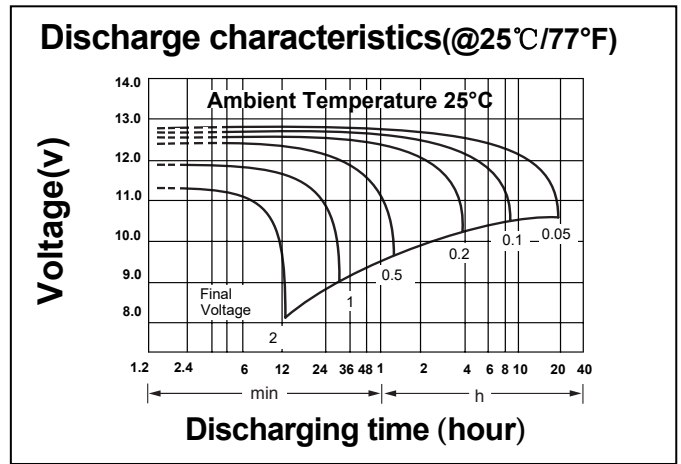
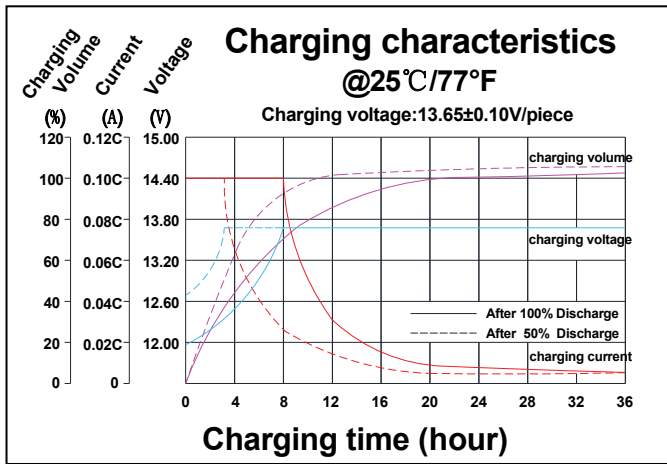
Length 151±1
Width 34±1
Height 94±1
Total Height 100±1
Weight(kg) 1.20±3%



TERMINALS mm

F2 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	31.72	20.69	15.26	8.832	5.103	3.011	2.189	1.743	1.471	0.983	0.801	0.417
1.65V	30.57	20.07	14.86	8.637	5.008	2.967	2.160	1.721	1.454	0.973	0.793	0.413
1.70V	29.08	19.26	14.33	8.381	4.883	2.908	2.121	1.692	1.432	0.960	0.783	0.409
1.75V	27.17	18.21	13.65	8.046	4.719	2.831	2.069	1.654	1.402	0.942	0.769	0.403
1.80V	24.75	16.88	12.77	7.611	4.504	2.729	2.002	1.604	1.362	0.919	0.752	0.395