



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

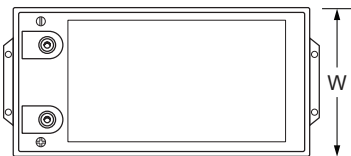
PERFORMANCE SPECIFICATIONS

Nominal Voltage	12V(6 cells)	
Design Floating Life @25°C	12 Years	
Nominal Capacity @25°C	20 hour rate 10.0A to 10.50V	200.00Ah
	10 hour rate 17.50A to 10.80V	175.00Ah
	5 hour rate 30.70A to 10.50V	153.50Ah
	3 hour rate 46.10A to 9.60V	138.30Ah
	1 hour rate 111.80A to 9.00V	111.80Ah
Internal Resistance	Full Charged Battery@25°C <5.2mΩ	
Energy Density (20-hr. rate)	85.52W-h/l	
Specific Energy (20-hr. rate)	40.00W-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.	600.0A
Max Short-Duration Discharge Current	10 Sec	1200.0A
Standby Use Charge (Constant Voltage) @25°C	Initial Charging Current Less than 60A	
	Voltage 13.6 - 13.8V	
Cycle Use Charge (Constant Voltage) @25°C	Initial Charging Current Less than 60A	
	Voltage 14.2 - 14.4V	
Operating Temperature Range	Charge	-20°C to 50°C
	Discharge	-40°C to 60°C

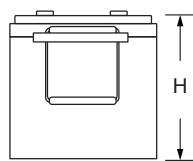
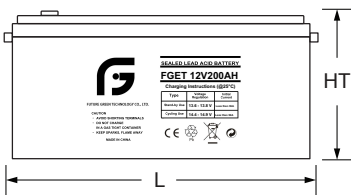
GENERAL FEATURES

mm

Unit: mm



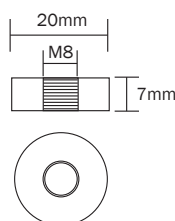
Length	522±1
Width	240±1
Height	220±1
Total Height	226±1
Weight(kg)	59.0±3%

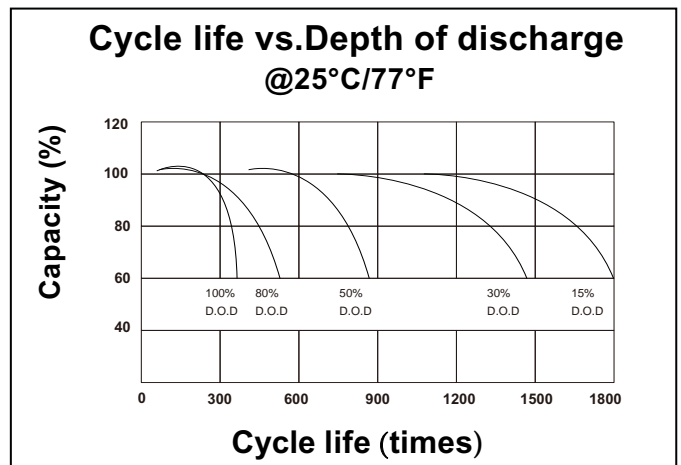
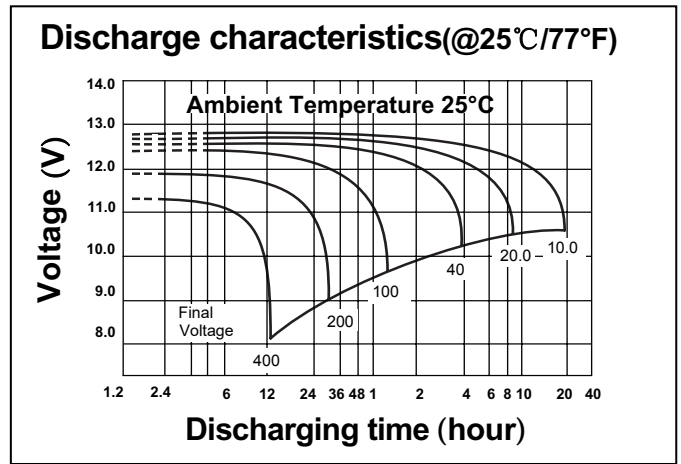


TERMINALS

mm

- T11 - THREADED INSERT - 8mm STUD





CONSTANT POWER DISCHARGE RATINGS

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.6V	5638.2	4348.7	3791.6	2568.8	1502.2	916.87	639.82	525.24	430.28	296.63	251.02	138.52
10.0V	5527.2	4215.5	3730.7	2537.4	1498.6	912.01	640.04	524.57	429.18	295.21	249.44	136.12
10.2V	5464.0	4104.2	3688.7	2519.4	1487.0	906.51	637.24	523.44	427.71	293.28	247.22	133.60
10.5V	4974.3	3821.8	3518.4	2460.7	1473.7	899.92	634.77	518.54	422.62	290.85	244.80	131.08
10.8V	4530.6	3522.9	3252.0	2358.8	1446.5	888.45	617.49	506.74	414.98	286.00	242.38	128.56
11.1V	3979.4	3185.1	2927.4	2215.6	1384.6	855.45	590.81	482.26	397.16	273.89	235.10	120.99