

### GENERAL FEATURES

- **GEL Technology** - The success of DG batteries comes from the internationally superior Gel technology. It is ideal for standby or frequent cyclic discharge applications under extreme environments
- **Front Access Connection** - Front access connection for fast, easy installation and maintenance with standard width for 19" and 23" ETSI racks.
- **Long Service Life** - Especially designed for telecommunication use with 10+ years design life in float service. By combining the newly developed paste formula with up-to-date GEL structures, this range features 12 years design life.
- **Maintenance-Free, Non-Spillable** - Proven VRLA technology guarantees safe operation without maintenance and 'non-restricted article' status for transportation.
- **Designed-In Reliability** - Cutting-edge manufacturing and process control combined with meticulous quality assurance procedures guarantee consistent and dependable performance

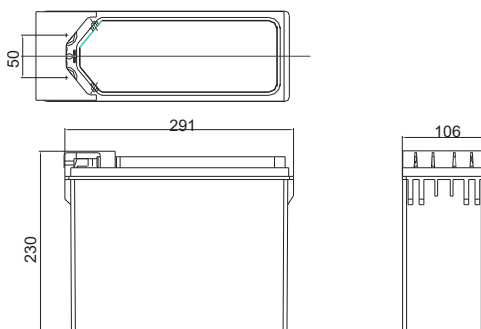
### PERFORMANCE SPECIFICATIONS

<b>Nominal Voltage</b>	12V(6 cells)	
<b>Design Floating Life @25°C</b>	12 Years	
<b>Nominal Capacity @25°C</b>	20 hour rate	55.0Ah
	2.75A to 10.50V	
	10 hour rate	48.2Ah
	4.82A to 10.80V	
<b>Internal Resistance</b>	5 hour rate	43.3Ah
	14.43A to 10.50V	
	3 hour rate	37.5Ah
	12.5A to 9.60V	
<b>Energy Density (20-hr. rate)</b>	1 hour rate	30.7Ah
	30.7A to 9.60V	
	Full Charged Battery@25°C	<9.0mΩ
<b>Specific Energy (20-hr. rate)</b>	83.54W-h/l	
<b>Shelf Life (nominal capacity at 20°C)</b>	1 Month	97%
<b>Max Short-Duration Discharge Current</b>	3 Months	91%
	6 Months	83%
<b>Standby Use Charge (Constant Voltage) @25°C</b>	5 Sec	900.0A
	Initial Charging Current Less than 11A Voltage 13.6 - 13.8V	
<b>Cycle Use Charge (Constant Voltage) @25°C</b>	Initial Charging Current Less than 11A Voltage 14.4 - 14.9V	
	Charge	-20°C to 50°C
<b>Operating Temperature Range</b>	Discharge	-40°C to 60°C

### GENERAL FEATURES

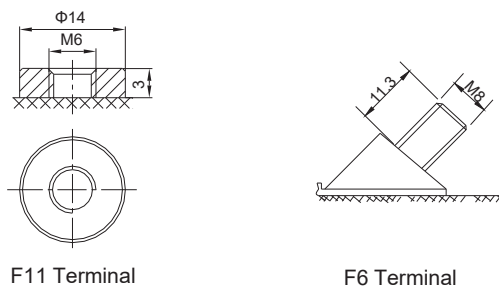
mm

	Unit: mm		
Length	291±1	Total Height	230±1
Width	106±1	Weight(kg)	18.0±1
Height	230±1		



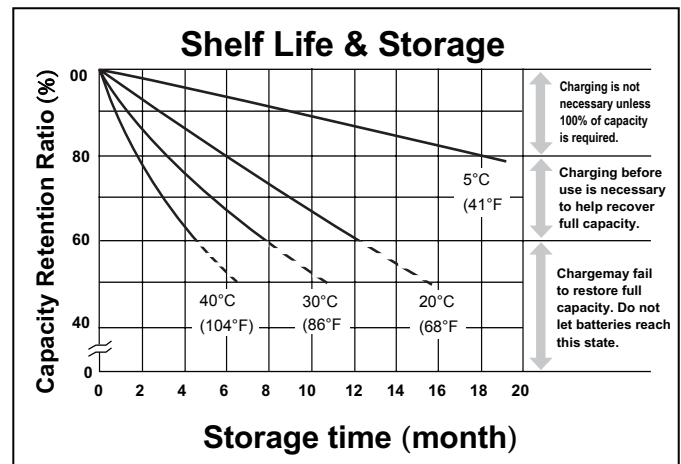
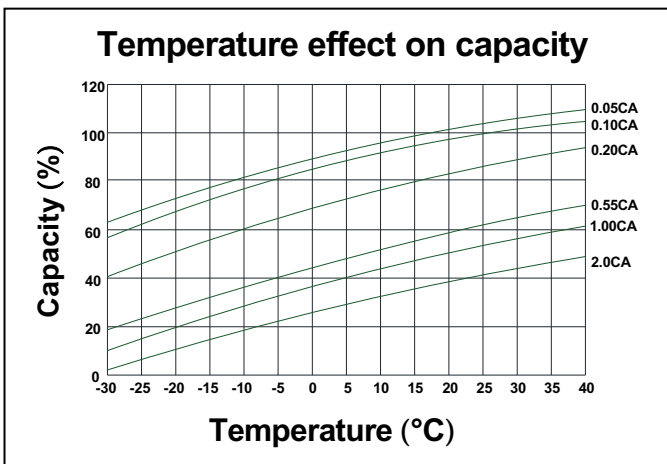
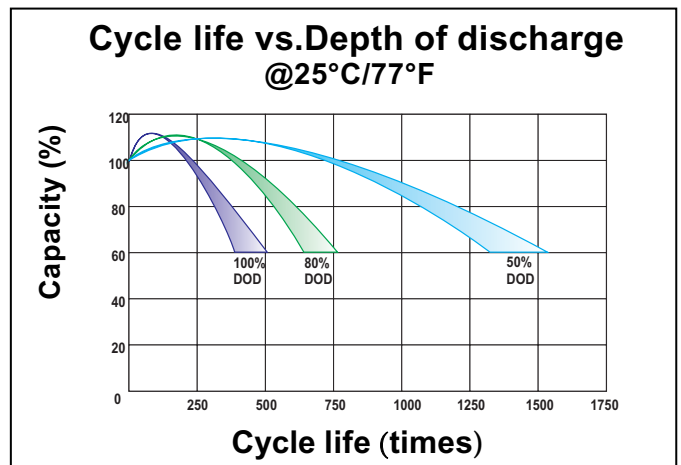
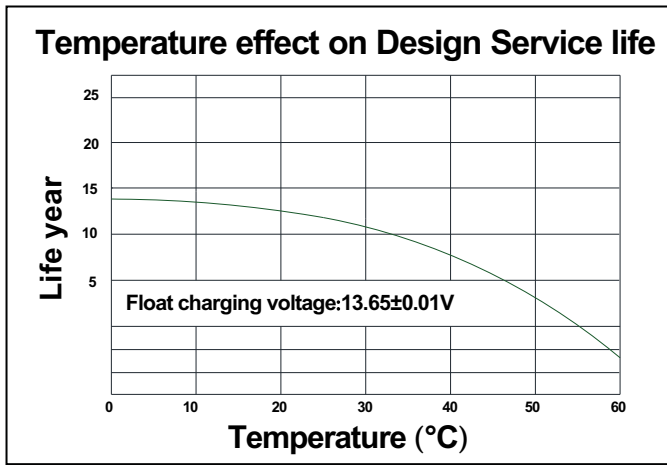
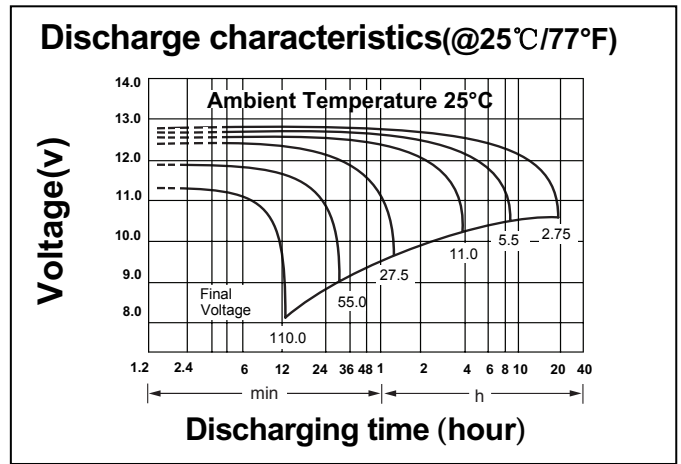
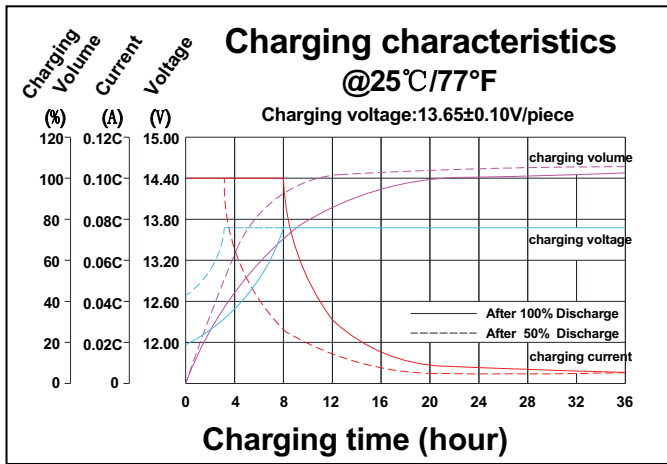
### TERMINALS

mm



F11 Terminal

F6 Terminal



**CONSTANT CURRENT DISCHARGE RATINGS (Amperes at 25°C)**

F.V/Time	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	79.8	52.5	30.7	18.4	12.7	10.5	8.85	6.05	5.02	3.03
1.65V	78.1	51.6	30.6	18.2	12.6	10.5	8.80	6.00	4.97	2.92
1.70V	76.9	51.1	30.3	18.1	12.6	10.4	8.75	5.95	4.92	2.83
1.75V	74.1	51.2	30.0	18.0	12.5	10.3	8.65	5.90	4.87	2.75
1.80V	69.1	50.9	29.3	17.6	12.2	10.1	8.49	5.80	4.82	2.59
1.85V	62.7	48.1	27.9	16.9	11.6	9.59	8.13	5.56	4.68	2.48