

### FEATURES

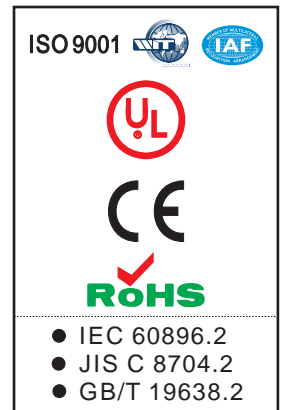
- Specifically ideal for 19 inch or 23 inch power cabinets
- Front terminals make the installation, maintenance and supervision easy
- Thick plates, special formula of paste and plate making process for a long service life
- Shield designs protect terminals from short circuit and show good appearance
- Unique vent valve design: reduce water losing and prevent air/spark going inside

### SPECIFICATIONS

Nominal Voltage	12V
Nominal Capacity	170Ah@20 hour rate F.V.(1.80V/cell)
Approx. Weight	45.00Kg (99.45lbs.)
Terminals	I3 (M8 Female Thread)
Internal Resistance	2.8m (Fully Charged)
Max. Discharge Current	1500A (5 sec)
Max. Charge Current	37.5A
Operating Temperature Range	Charge: -10°C~40°C (14°F~104°F) Discharge: -20°C~50°C (-4°F~122°F) Storage: -15°C~40°C (5°F~104°F)
Self Discharge	3% of capacity declined per month at (25°C)

### APPLICATION

- For standard 19 inches or 23 inches power cabinets
- Network connection equipment communication system
- Power system of special network or local area network
- Power station systems
- UPS, standby power supply

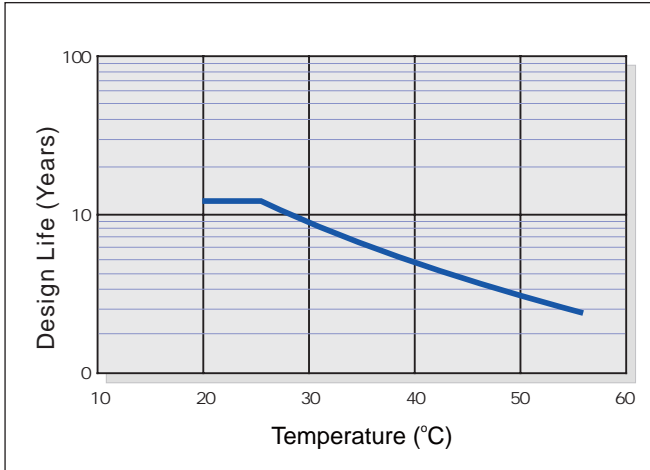


DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<p>■ <b>Length</b> 551±2.0mm (21.69±0.08inch)</p> <p>■ <b>Width</b> 110±2.0mm (4.33±0.08inch)</p> <p>■ <b>Container Height</b> 288±2.0mm (11.34±0.08inch)</p> <p>■ <b>Total Height</b> 288±2.0mm (11.34±0.08inch)</p>		<p><b>Terminal</b></p> <p>[M8 BOLT] Terminal Hardware Initial Torque: 13(5.9Nm ±5%)</p>

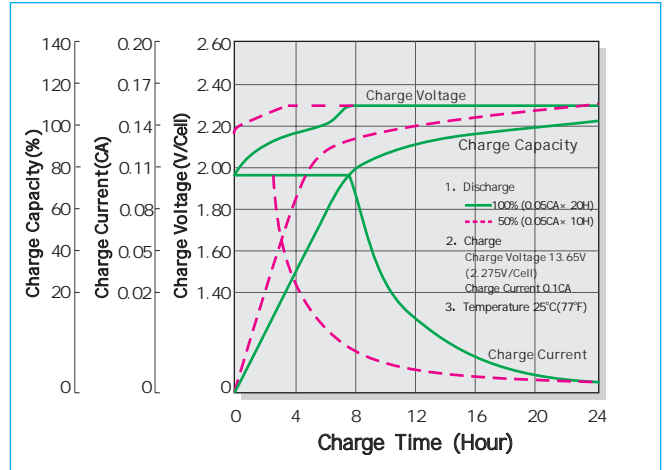
Constant power discharge characteristics at 25°C/77°F									Unit:W
F. V/Time	10MN	15MN	30MN	1HR	3HR	5HR	10HR	20HR	Charge Voltage
1.60V	639	512	377	248	121	57.4	29.3	14.5	14.4-14.7V (±4mV)
1.65V	608	484	336	220	111	57.2	29.3	14.5	
1.70V	576	468	326	216	84.8	56.9	29.3	14.4	40.0A
1.75V	561	457	321	214	84.2	56.7	29.2	14.4	
1.80V	547	452	318	210	83.8	56.5	29.2	14.4	

Constant current discharge characteristics at 25°C/77°F									Unit:A
F. V/Time	10MN	15MN	30MN	1HR	3HR	5HR	10HR	20HR	Float Use
1.60V	375	276	161	104	42.6	29.0	16.2	8.21	13.5-13.8V (±3mV)
1.65V	349	266	155	103	42.3	28.8	16.1	8.20	
1.70V	331	258	149	103	42.1	28.6	16.1	8.18	
1.75V	302	245	144	102	39.8	28.4	16.0	8.15	
1.80V	285	232	139	102	39.6	28.2	15.9	8.11	

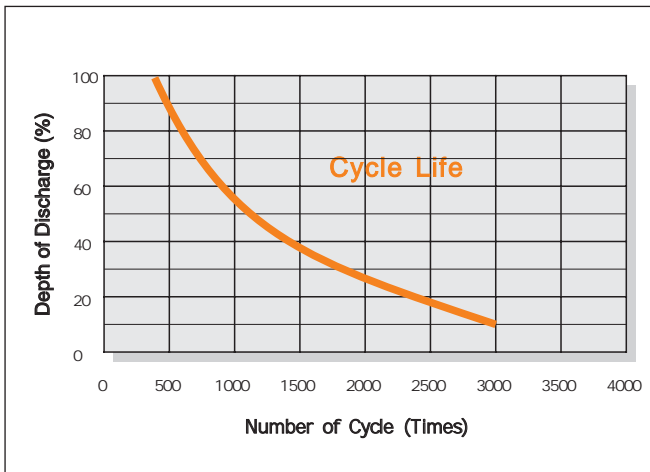
#### Trickle(or Float) Service Life



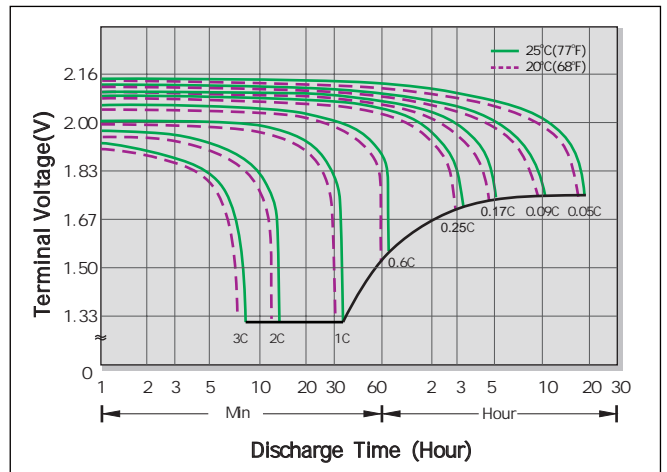
#### Charge Characteristic



#### Depth of Discharge vs. Cycles



#### Discharge Characteristic



#### Capacity Factors With Different Temperature

Battery Type		-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
GEL Battery	6V&12V	55%	75%	85%	88%	90%	98%	100%	102%	104%	105%
	2V	65%	80%	88%	90%	92%	99%	100%	103%	105%	106%
AGM Battery	6V&12V	46%	66%	76%	83%	90%	98%	100%	103%	107%	109%
	2V	55%	70%	80%	85%	92%	99%	100%	104%	108%	110%