

# EGE GEL BATTERY

## 6-GFJ-200 2V 200Ah

The battery is composed of positive electrode plate, negative electrode plate, membrane, electrolyte, safety valves, battery case and lid.

### Technical Advantage

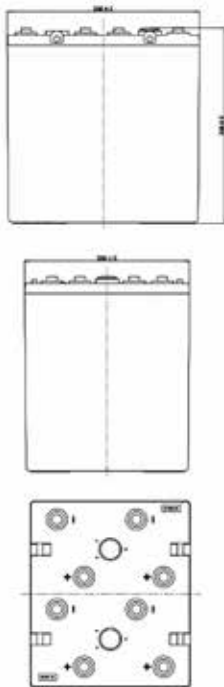
The traction structure for convenient connection, which achieves a real pre-buried installation, avoids the corrosion of terminals.

With multicomponent Alloys of high tin rare earth, the electrode plate is anti-corrosion. The internal resistance is small, and of higher efficiency in the discharge and strong charge acceptance.

The use of special paste additives, makes the battery low self discharge, deep discharge resistance and strong recovery.

Using high temperature and high moisture curing process, it keeps stable of the PAM interface structure of the paste and grids, and increases battery balancing consistency.

For special climate at high altitude environments, we made a special selection for material, design of structure and special formula to enable to accommodate a maximum altitude of 5,500 meters.



### Norm

GB/T 22473-2008 IEC 61427-2005

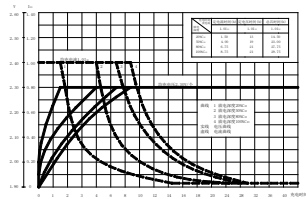
### ECO GREEN ENERGY

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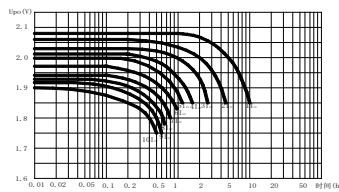
# General Parameters

Nominal Voltage	2 V	
Rated Capacity	200Ah ( 10 hr, 1.80 V/Cell, 25 °C )	
Weight	14kg ±3%	
Resistance	≤1mΩ	
Terminal	Copper	
Max.Charge Current	40A	
Operating Temperature Range	-25~50 °C	
Dimension	Length (±2 mm)	111 mm
	Width (±2 mm)	174 mm
	Height (±2 mm)	346 mm
	Total Height (±2 mm)	365 mm
Lid Material	ABS	
Fields of Application	Applied solar power ( wind energy ) household system, off-grid power plants, solar power (wind energy) communications/signal base stations, solar power (wind energy) lamps, nonstationary energy storage systems, solar traffic lights, solar building systems etc.	

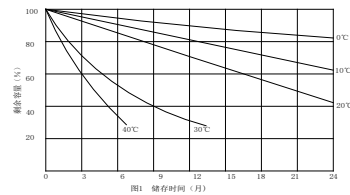
1 Charge curve



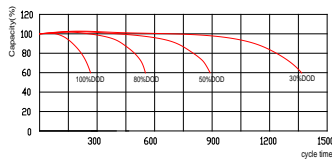
2 Discharge curve



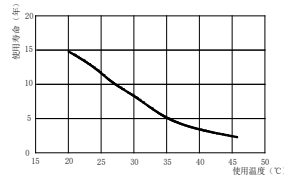
3 Self discharge performance and storage temperature



4 DOD and cycle



5 lifetime and temperature



## Constant Power Discharge (Watts) at 25°C(77°F)

F.V/Time	3 h	5 h	10 h	20 h	50 h	100 h	120 h	240 h
1.90	84.84	56.56	36.36	20.20	8.08	4.24	3.63	2.02
1.85	88.88	59.59	38.38	22.22	8.28	4.34	3.80	2.42
1.80	90.90	64.64	39.39	24.24	8.48	4.44	3.84	2.63
1.75	92.92	66.66	40.40	22.83	8.69	4.64	4.04	2.83

## Constant Current Discharge (Amperes) at 25 °C (77°F)

F.V/Time	3 h	5 h	10 h	20 h	50 h	100 h	120 h	240 h
1.90	42.73	28.17	17.68	9.13	3.69	2.00	1.76	0.93
1.85	44.48	29.52	19.03	9.71	3.89	2.11	1.84	0.97
1.80	46.42	30.89	20.01	10.01	4.08	2.13	1.89	1.01
1.75	48.17	32.24	21.37	10.30	4.18	2.23	1.91	1.03