



CNJ-1000

2V1000Ah

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By Frank

FUWEI
ENERGY

<http://www.fwny.net/en/>

Component	Positive	Negative	Container	Cover	Safety Valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Rubber	Copper	AGM	GEL

To get the most out of your eco-friendly renewable energy system for home, RV or back-up power, you need a rugged, long-lasting solar photovoltaic (solar PV) battery from FUWEI energy. A high-capacity solar battery is perfect for backup systems, off-grid configurations and other applications that call for deep-cycle storage. Choose from absorbed glass mat (AGM) and gel-cell batteries for all your solar application needs.

Performance characteristics

Nominal Voltage 2V

Number of cell one

Nominal Capacity at 25 °C/77 °F

240Hr at 4.68 A to 1.9V-- 1123 Ah

100Hr at 10.9 A to 1.85V-- 1090 Ah

10Hr at 100 A to 1.8V-- 1000 Ah

Internal Resistance

Fully charged battery at 25 °C

≤ 0.6 mΩ

Average Self-discharge at 20 °C/68 °F

<3% lost of capacity per month

Operating Temperature range:

Discharge at -40~70 °C

Charge at -10~60 °C

Storage at -20~60 °C

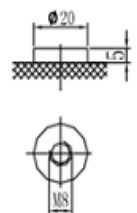
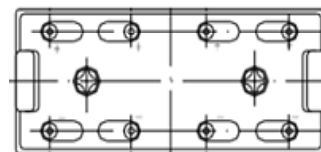
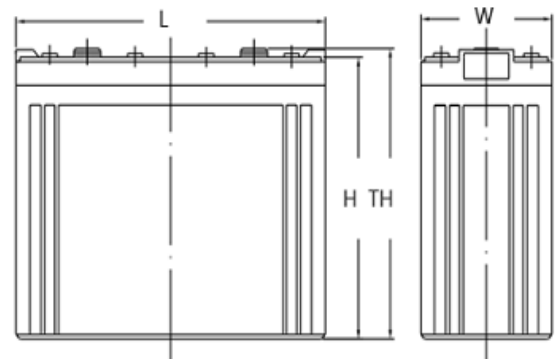
Charge Methods constant voltage charge at 25 °C

Cycle use--2.4~2.45V/cell;

Maximum initial charging current 200 A

Temperature compensation

-5mV/cell/ °C



	mm/Kg	inch/lb
Length	471	18.5
Width	171	6.73
Height	328	12.9
TH	342	13.5
Weight	60.5	133
Terminal	F10	M8

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Sweep the attention





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Constant Power discharge / WPC (25°C/77°F)

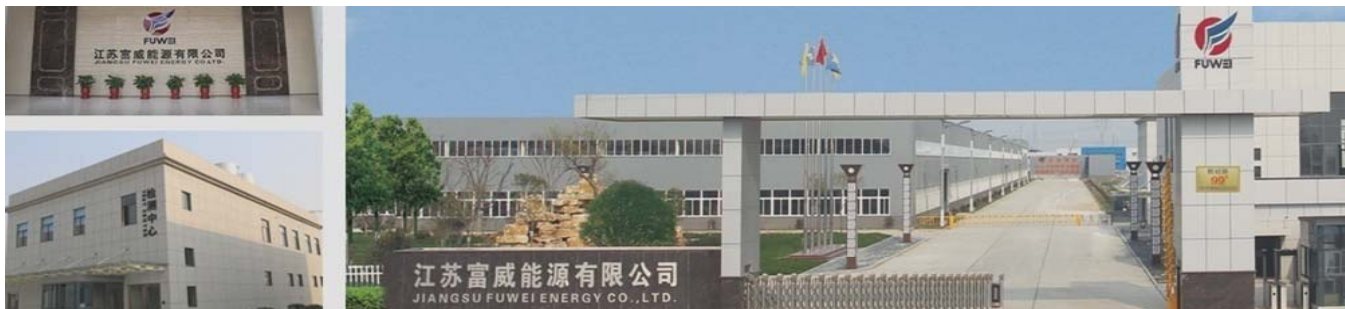
End voltage/cell	3 h	5 h	10 h	20 h	50 h	100 h	120 h	240 h
1.75V	432	307	185	98.1	45.5	21.0	17.8	10.5
1.80V	417	293	178	93.9	43.8	20.2	17.1	10.1
1.85V	398	280	170	89.0	41.6	19.3	16.2	9.58
1.90V	380	267	162	86.5	39.7	18.4	15.7	9.14

Constant current discharge / A (25°C/77°F)

End voltage/cell	3 h	5 h	10 h	20 h	50 h	100 h	120 h	240 h
1.75V	251	181	103	54.6	22.7	11.7	9.92	5.23
1.80V	244	174	100	53.0	22.0	11.3	9.63	5.08
1.85V	234	167	96.0	50.9	21.2	10.9	9.24	4.88
1.90V	225	160	92.2	48.8	20.3	10.5	8.87	4.68

Note: The above characteristics data are average values obtained within three charge/discharge cycles not the minimum

All data shall be changed without notice. FUWEI reserves the right to explain and update the information contained hereinto



Application

- Telecom Systems
- Electric Wheelchair
- Solar System
- Marine Equipment
- Wind Power System
- Emergency Power System
- Wheelchair

General Features

- Environmentally friendly
- Long Service Life, in Cyclic
- Lower internal Resistance
- High Reliability and Good Quality
- International Standard, JIS and DIN
- High Power Density
- lead-tin-calcium alloy grids for long service life
- Thick pasted plates with high quality

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