



CNJ-1200

2V1200Ah

Edition:2016.6
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 5.62 A to 1.9V-- 1348 Ah

100Hr at 13.1 A to 1.85V-- 1308 Ah

10Hr at 120 A to 1.8V-- 1200 Ah

Internal Resistance

Fully charged battery at 25 °C

≤ 0.59 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

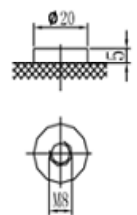
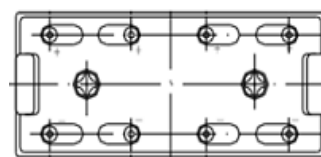
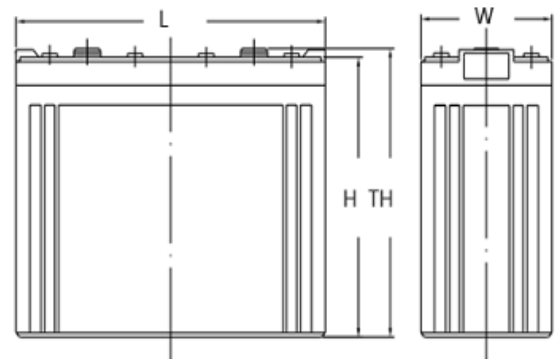
Charge Methods constant voltage charge at 25 °C

Cycle use--2.4~2.45V/cell;

Maximum initial charging current 240 A

Temperature compensation

-5mV/cell/ °C



	mm/Kg	inch/lb
Length	510	20.1
Width	175	6.89
Height	309	12.2
TH	347	13.7
Weight	70	154
Terminal	F10	M8

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Sweep the attention





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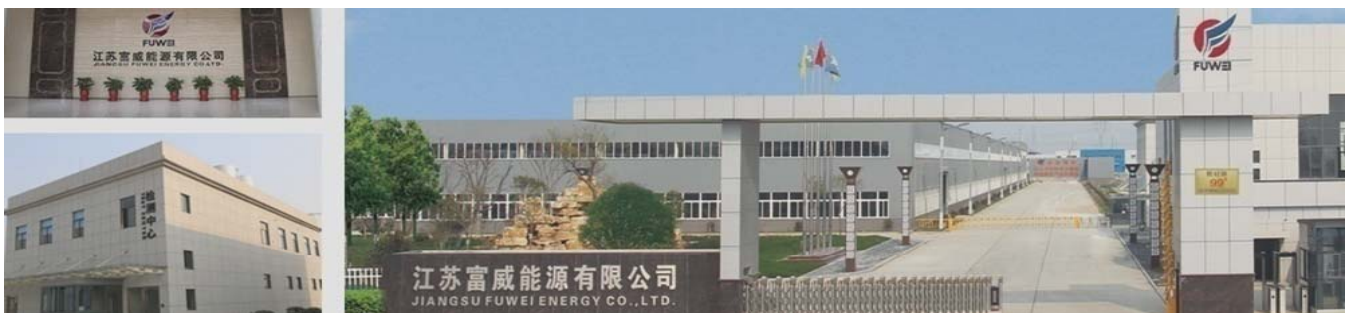
Constant Power discharge / WPC (25°C/77°F)

End voltage/cell	3 h	5 h	10 h	20 h	50 h	100 h	120 h	240 h
1.75V	518	368	222	117.7	54.6	25.2	21.4	12.6
1.80V	500	352	214	112.7	52.6	24.2	20.5	12.1
1.85V	478	336	204	106.8	49.9	23.2	19.4	11.50
1.90V	456	320	194	103.8	47.6	22.1	18.8	10.97

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	301	217	124	65.5	27.2	14.0	11.90	6.28
1.80V	293	209	120	63.6	26.4	13.6	11.56	6.10
1.85V	281	200	115.2	61.1	25.4	13.1	11.09	5.86
1.90V	270	192	110.6	58.6	24.4	12.6	10.64	5.62

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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