



CNJ-600

2V600Ah

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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 2.81 A to 1.9V-- 674 Ah

100Hr at 6.53 A to 1.85V-- 653 Ah

10Hr at 60 A to 1.8V-- 600 Ah

Internal Resistance

Fully charged battery at 25 °C

≤ 0.65 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

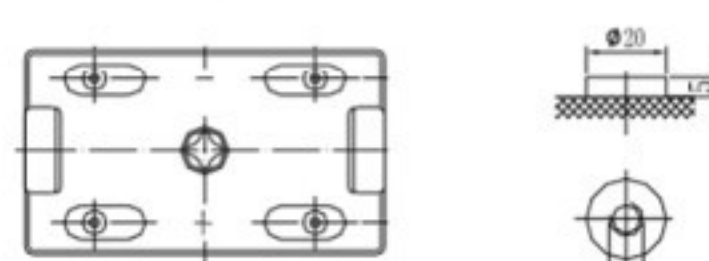
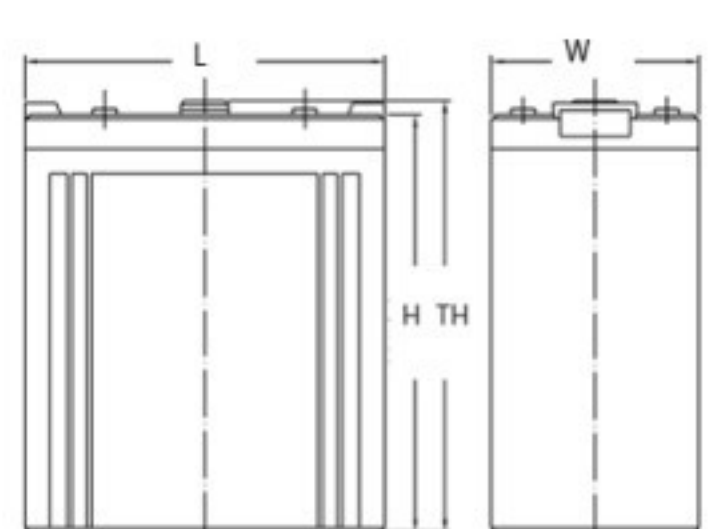
Charge Methods constant voltage charge at 25 °C

Cycle use--2.4~2.45V/cell;

Maximum initial charging current 120 A

Temperature compensation

-5mV/cell/ °C



	mm/Kg	inch/lb
Length	297	11.7
Width	171	6.73
Height	332	13.1
TH	342	13.5
Weight	37.5	82.7
Terminal	F10	M8

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

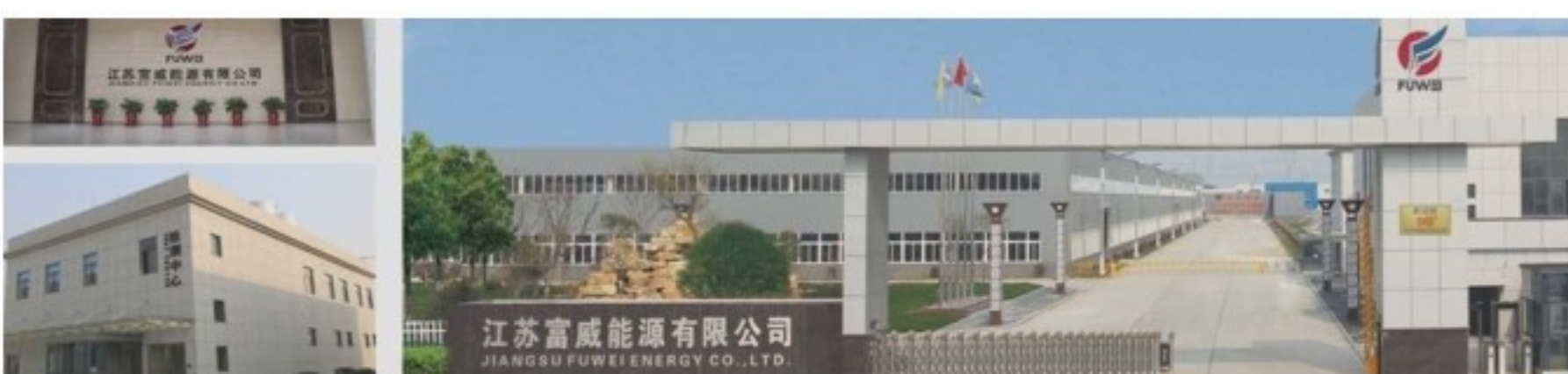
End voltage/cell	3 h	5 h	10 h	20 h	50 h	100 h	120 h	240 h
1.75V	270	198	116	63.4	26.0	13.1	11.5	5.99
1.80V	257	192	112	61.5	25.5	12.8	11.2	5.88
1.85V	245	183	107	58.7	24.8	12.2	10.7	5.72
1.90V	234	174	102	56.1	24.1	11.6	10.2	5.55

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	168	109	61.3	32.5	13.5	6.95	5.90	3.11
1.80V	161	106	60.0	31.8	13.2	6.81	5.78	3.05
1.85V	155	102	57.6	30.5	12.7	6.53	5.55	2.93
1.90V	148	97.7	55.3	29.3	12.2	6.27	5.32	2.81

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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