



# 6-CNJ-200

## 12V200Ah

**FUWEI**

**ENERGY**

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

Performance characteristics

Nominal Voltage 12V

Number of cell Six

Nominal Capacity at 25 °C/77 °F

10Hr at 20 A to 10.8V-- 200 Ah

5Hr at 34.4 A to 10.5V-- 172 Ah

1Hr at 132 A to 9.6V-- 132 Ah

Internal Resistance

Fully charged battery at 25 °C

≤ 4 mΩ

Average Self-discharge at 20 °C/68 °F

<3% lost of capacity per month

Operating Temperature range:

Discharge at -20~60 °C

Charge at -10~60 °C

Storage at -20~60 °C

Max. discharge current at 25 °C: 3000 A(5s)

Charge Methods constant voltage charge at 25 °C

Cycle use---2.4~2.45V/cell;

Maximum initial charging current 60 A

Temperature compensation

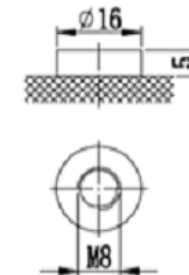
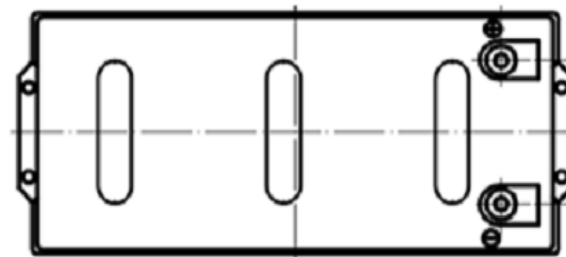
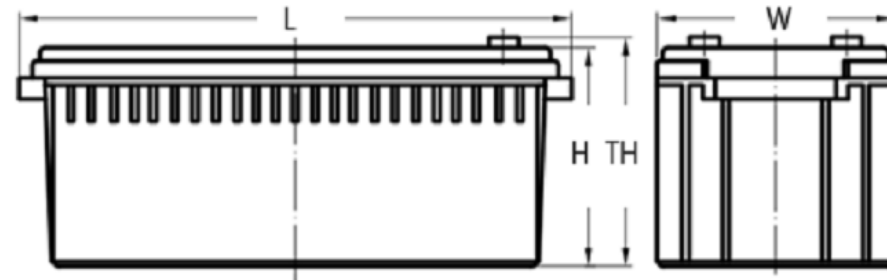
-5mV/cell/ °C

Standby use---2.25~2.30V/cell

Temperature compensation

-3mV/cell/ °C

	Length	Width	Height	Total H	Weight	Terminal
mm/Kg	522	240	218	244	56.2	F12
inch/lb	20.6	9.45	8.58	9.61	123.9	M8





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You can expect our batteries meet with the standards JIS, DIN, IEC60986-21/22 & BS6290-4.

## Discharge Data

Discharge Constant Current (Amperes at 77°F /25°C)																									
End Point	5mi	10mi	15mi	20mi	25mi	30mi	35mi	40mi	45mi	50mi	55mi	1h	1.5h	2h	2.5h	3h	4h	5h	6h	7h	8h	9h	10h	12h	24h
1.60V	0	500	383	308	267	233	204	183	168	154	144	132	95.8	78.3	65	56.7	45.0	37.5	32.5	29.2	25.8	23.3	21.7	18.3	10.0
1.65V	0	469	361	291	251	219	194	174	160	147	138	126	92.5	75	62.5	54.5	43.7	36.2	31.7	28.2	25.3	22.9	21.0	17.8	9.92
1.70V	0	438	338	273	236	206	183	165	151	139	131	120	89.2	72.5	60	52.6	42.3	35.3	30.8	27.5	24.6	22.4	20.7	17.5	9.75
1.75V	0	407	315	255	220	193	173	155	143	131	123	114	85	69	58	50.8	40.9	34.4	30.0	26.9	24.0	22.0	20.3	17.3	9.67
1.80V	0	375	292	238	204	179	163	146	133	123	117	108	81.7	65.8	55.8	48.8	39.6	33.5	29.2	26.3	23.3	21.5	20.0	17.0	9.50
Discharge Constant Power per cell (Watts at 77°F /25°C)																									
End Point	5mi	10mi	15mi	20mi	25mi	30mi	35mi	40mi	45mi	50mi	55mi	1h	1.5h	2h	2.5h	3h	4h	5h	6h	7h	8h	9h	10h	12h	24h
1.60V	0	892	685	552	478	417	367	330	304	279	263	242	179	148	123	108	87.5	73.6	64.6	57.2	51.4	46.5	42.6	36.0	20.2
1.65V	0	842	648	523	452	395	350	315	290	267	252	233	173	143	119	105	85	71.8	63	56	50.3	45.7	42.0	35.6	19.9
1.70V	0	786	609	493	427	373	333	299	275	254	241	223	168	137	116	102	82.9	70.2	61.4	54.8	49.1	44.8	41.4	35.1	19.8
1.75V	0	733	572	464	401	351	316	284	261	242	229	213	162	132	112	98.3	80.7	68.4	59.8	53.6	47.8	44.0	40.8	34.7	19.5
1.80V	0	679	533	435	375	329	298	268	246	229	218	204	156	126	108	95	78.3	66.7	58.2	52.4	46.7	43.2	40.2	34.2	19.3

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

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

### Application

- UPS
- Telecom Systems
- Electric Wheelchair
- Power Station
- Military Equipment
- Emergency Power System
- Railway System

### General Features

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





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

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