



FUWEI

ENERGY

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

6-CNJ-80

12V80Ah

Edition:2016.6

By Frank

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 8 A to 10.8V-- 80 Ah

5Hr at 13.8 A to 10.5V-- 68.8 Ah

1Hr at 52.6 A to 9.6V-- 52.6 Ah

Internal Resistance

Fully charged battery at 25 °C

≤ 6 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: 1200 A(5s)

Charge Methods constant voltage charge at 25 °C

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

Maximum initial charging current 24 A

Temperature compensation

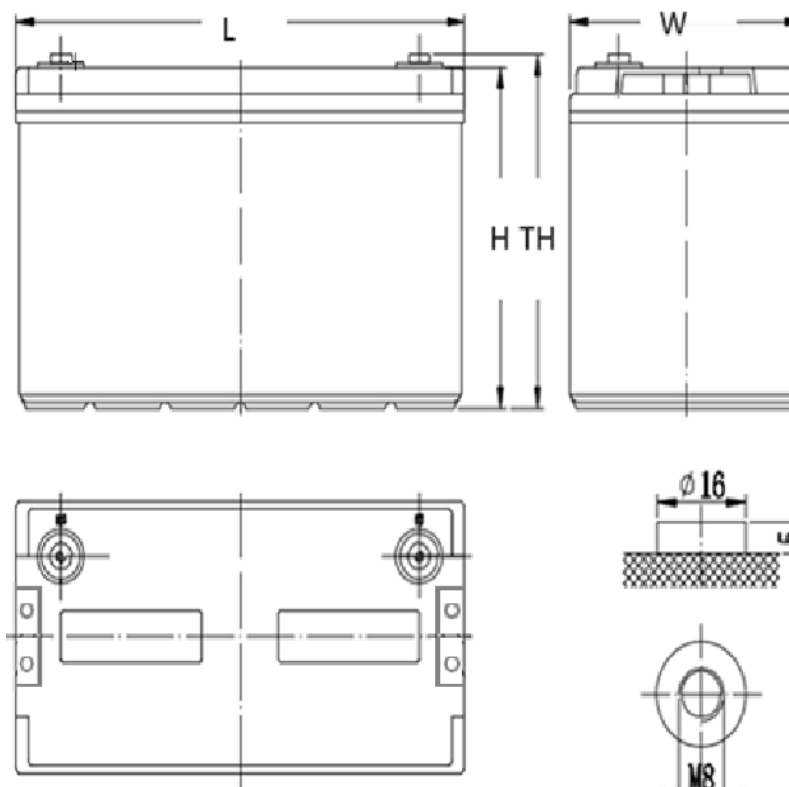
-5mV/cell/ °C

Standby use---2.25~2.30V/cell

Temperature compensation

-3mV/cell/ °C

	Length	Width	Height	Total H	Weight	Terminal
mm/Kg	329	172	216	239	25.3	F12
inch/lb	13.0	6.77	8.50	9.41	55.8	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	200	154	123	106	92.8	81.6	73.4	67.4	61.7	57.7	52.6	38.3	31.4	26	22.6	18.0	15.0	13.0	11.7	10.3	9.4	8.6	7.34	4.00
1.65V	0	188	144	116	100	88	77.7	69.7	64	58.6	55	50.3	37	30	25	21.8	17.4	14.5	12.6	11.3	10.1	9.2	8.4	7.10	3.97
1.70V	0	175	135	110	94.4	82.4	73.4	66	60.3	55.7	52.3	48	35.7	29	24	21	17.0	14.2	12.3	11.0	9.8	9.0	8.2	7.00	3.90
1.75V	0	162	126	102	88	77	69.4	62	57	52.3	49.4	45.7	34	27.6	23.2	20.3	16.4	13.8	12.0	10.8	9.6	8.8	8.2	6.90	3.86
1.80V	0	150	117	95.2	81.6	71.7	65	58.3	53.4	49.4	46.6	43.4	32.6	26.3	22.3	19.5	15.8	13.4	11.7	10.5	9.4	8.6	8.0	6.80	3.80
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	357	274	221	191	166	146	132	122	112	105	96.8	71.7	59	49.4	43.4	35	29.4	25.8	22.9	20.6	18.6	17.0	14.4	8.1
1.65V	0	337	259	209	181	158	140	126	116	106	101	92.8	69.4	57	47.7	42	34	28.7	25.2	22.4	20.1	18.2	16.8	14.2	7.97
1.70V	0	314	244	198	170	150	133	120	110	102	96	89.6	67	54.6	46.3	40.6	33.2	28.1	24.6	21.9	19.6	17.9	16.6	14.0	7.90
1.75V	0	293	229	186	160	140	126	114	104	96.8	92	85.6	64.6	52.6	44.6	39.4	32.2	27.4	23.9	21.4	19.1	17.6	16.3	13.8	7.80
1.80V	0	272	214	174	150	132	119	107	98.4	92	87.2	81.6	62.3	50.3	43	38	31.4	26.6	23.3	21	18.6	17.3	16.1	13.7	7.70

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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