



6-CNJ-100

12V100Ah

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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 10 A to 10.8V-- 100 Ah

5Hr at 17.2 A to 10.5V-- 86 Ah

1Hr at 65.8 A to 9.6V-- 65.8 Ah

Internal Resistance

Fully charged battery at 25 °C

≤ 5.5 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: 1500 A(5s)

Charge Methods constant voltage charge at 25 °C

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

Maximum initial charging current 30 A

Temperature compensation

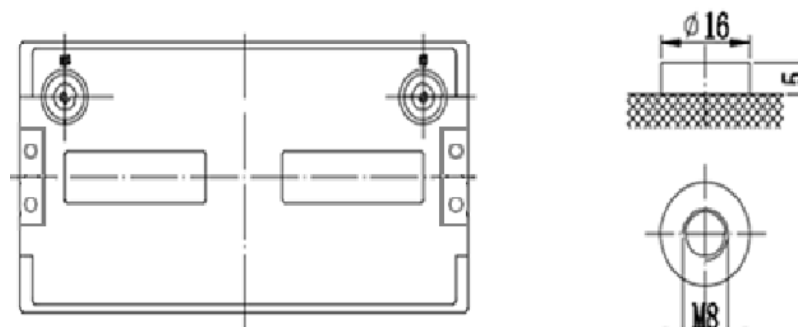
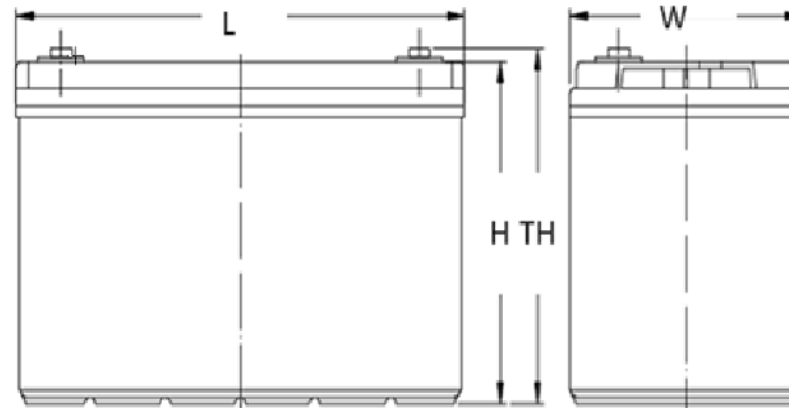
-5mV/cell/ °C

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	28.5	F12
inch/lb	13.0	6.77	8.50	9.41	62.8	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	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	250	192	154	133	116	102	91.7	84.2	77.1	72.1	65.8	47.9	39.2	32.5	28.3	22.5	18.8	16.3	14.6	12.9	11.7	10.8	9.17	5.00
1.65V	235	180	145	125	110	97.1	87.1	80	73.3	68.8	62.9	46.3	37.5	31.3	27.3	21.8	18.1	15.8	14.1	12.6	11.5	10.5	8.88	4.96
1.70V	219	169	137	118	103	91.7	82.5	75.4	69.6	65.4	60	44.6	36.3	30	26.3	21.2	17.7	15.4	13.8	12.3	11.2	10.3	8.75	4.88
1.75V	203	158	128	110	96.3	86.7	77.5	71.3	65.4	61.7	57.1	42.5	34.5	29	25.4	20.5	17.2	15.0	13.5	12.0	11.0	10.2	8.63	4.83
1.80V	188	146	119	102	89.6	81.3	72.9	66.7	61.7	58.3	54.2	40.8	32.9	27.9	24.4	19.8	16.8	14.6	13.1	11.7	10.8	10.0	8.50	4.75
Discharge Constant Power per cell (Watts at 77°F /25°C)																								
End Point	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	446	343	276	239	208	183	165	152	140	131	121	89.6	73.8	61.7	54.2	43.8	36.8	32.3	28.6	25.7	23.3	21.3	18.0	10.1
1.65V	421	324	261	226	198	175	158	145	133	126	116	86.7	71.3	59.6	52.5	42.5	35.9	31.5	28	25.1	22.8	21.0	17.8	9.96
1.70V	393	305	247	213	187	166	150	138	127	120	112	83.8	68.3	57.9	50.8	41.5	35.1	30.7	27.4	24.5	22.4	20.7	17.5	9.88
1.75V	366	286	232	200	175	158	142	130	121	115	107	80.8	65.8	55.8	49.2	40.3	34.2	29.9	26.8	23.9	22.0	20.4	17.3	9.75
1.80V	340	267	218	188	165	149	134	123	115	109	102	77.9	62.9	53.8	47.5	39.2	33.3	29.1	26.2	23.3	21.6	20.1	17.1	9.63

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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