

Applications

- Solar system and Wind system
- Solar street light and solar garden light
- Emergency lighting equipment
- Fire alarm and security systems
- Telecommunication equipment
- Electric equipment and telemeter equipment



Battery Model	6-CNFJ-200/12V200Ah			
Capacity (25°C)	10Hr(20A,1.75V)	5Hr (31A,1.75V)	3Hr(28.33A,1.75V)	1Hr(120A,1.70V)
	200Ah	186Ah	170Ah	120Ah
Dimensions	Length	Width	Height	Total Height
	521mm	240mm	220mm	220mm
Approx Weight	59.00KG±3%			
Internal Resistance	5.0mΩ			
Self Discharge	≤2% per month (25°C)			
Charge Voltage 25°C	Cycle Use		Float Use	
	14.2V(-24mV/°C),max charge current:30A		13.5V(-18mV/°C)	

General Features

- Germany GEL technology
- Deep cycle solar battery
- Wide operating temperature range from -25°C to 60°C
- Sealed and maintenance free operation
- Low self-discharge rate and long shelf life (9 months at 25°C)
- ABS containers and covers
- No memory effect, thick flat plate with high Tin low Calcium alloy
- Safety valve installation for explosion proof
- Long Service Life, Float or Cyclic
- Design Life : 8 to 12 years



Discharge Parameter

Constant Current Discharge Data (25°C,A)													
End Voltage (V/cell)	5min	10min	15min	20min	30min	45 min	1h	1.5h	2h	3h	5h	10h	20h
1.60	553.6	440.0	335.0	262.0	203.0	151.0	124.0	95.00	74.50	53.00	35.30	19.00	10.22
1.65	535.7	415.0	325.0	253.0	198.0	147.0	122.0	93.50	73.40	52.20	34.80	18.80	10.19
1.70	508.9	400.0	310.0	244.0	190.0	143.0	120.0	91.50	72.40	51.30	34.40	18.70	10.15
1.75	464.3	364.0	290.0	234.0	182.0	138.0	117.0	89.00	71.50	50.00	34.00	18.60	10.00
1.80	401.8	335.0	273.0	220.0	175.0	133.0	112.0	86.50	69.00	49.00	33.20	18.40	9.800

Constant Power Discharge Data (25°C,W/cell)													
End Voltage	5min	10min	15min	20min	30min	45 min	1h	1.5h	2h	3h	5h	10h	20h
1.60	928.6	740.0	580.0	458.0	355.0	273.0	223.0	171.0	136.0	100.2	66.20	37.00	19.90
1.65	892.9	710.0	565.0	451.0	349.0	267.0	220.0	169.0	135.0	99.50	65.80	36.80	19.87
1.70	854.5	677.0	548.0	437.0	341.0	262.0	216.0	168.0	134.0	98.70	65.30	36.40	19.82
1.75	791.1	640.0	521.0	420.0	329.0	256.0	212.0	167.0	133.0	98.00	64.70	36.00	19.76
1.80	714.3	595.0	491.0	399.0	312.0	248.0	206.0	164.0	131.0	96.00	64.00	35.50	19.60

Performance Curve

