

CNF SERIES/ 6-CNFJ-200 12V200Ah

Applications

- Off-grid solar system and UPS system
- Solar Pump
- Firefighting equipment standby power supply
- Medical treatment equipment, Alarm system
- Telecommunication system,, Railway station,
- Ship Equipment, Military Equipment
- Control systems, Emergency lamp,



Battery Model	6-CNFJ-200/12V200Ah			
Capacity (25°C)	20Hr (10.5A,1.80V)	10Hr(20A,1.80V)	3Hr (50A,1.80V)	1Hr(110A,1.80V)
	210Ah	200Ah	150Ah	110Ah
Dimensions	Length	Width	Height	Total Height
	521mm	240mm	220mm	220mm
Approx Weight	60KG ±3%			
Internal Resistance	5.0mΩ			
Max Discharge Current	1702A(3 Sec.)			
Self Discharge	≤2% per month (25°C)			
Charge Voltage 25°C	Cycle Use		Float Use	
	13.98V(-24mV/°C),max charge current:40A		13.38V to 13.5V (-21mV/°C)	

General Features

- Wide operating temperature range from -25°C to 45°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
- Absorptive Glass Mat Technology (AGM System)
- Safety valve installation for explosion proof
- Long Service Life, Float or Cyclic



UPS SYSTEM



SOLAR SYSTEM



EMERGENCY LIGHTING



SECURITY SYSTEM

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	558.6	407.2	317.2	266	194.4	152.4	115.6	89.8	68.8	52.4	35	20	10.5
1.65	530	395.8	311	261.8	192.4	149.4	113.4	88.6	68.8	52.4	35	20	10.5
1.70	499.2	372.4	304.8	255.8	190.2	144.8	113.4	87.2	68.8	52.4	35	20	10.5
1.75	462.4	345.8	294.8	245.6	164.2	140.8	111.4	86	68.8	52.4	35	20	10.5
1.80	394.8	315	276.2	229.2	174	135.6	110	83.6	66.8	50	35	20	10.4

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	986	738.6	579.8	486.6	364.6	274.2	213.6	166	130	94.2	64.4	38	20.4
1.65	917.2	711.4	567	480.8	361.4	271.8	209.8	164.6	130	94.2	64.4	37.6	20.4
1.70	838.6	672.2	548	471	356.4	268	209.8	163.2	130	94.2	64.4	37.637.6	20.4
1.75	773	623	531	453.2	347.2	261.8	206	161.6	130	94.2	64.4	37.2	20.4
1.80	719.2	568	507	424.6	330.8	252.4	203.2	157.8	126.8	91.8	61	37.2	19.84

Performance Curve

