

SP SERIES/ CNFJ-300 2V300Ah

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	CNFJ-300/2V300Ah			
Capacity (25°C)	10Hr (30A,1.80V)	5Hr(52.5A,1.80V)	3Hr (76.8A,1.80V)	1Hr(168A,1.80V)
	300Ah	262.5Ah	230.4Ah	168Ah
Dimensions	Length	Width	Height	Total Height
	176mm	156mm	329mm	339mm
Approx Weight	18KG			
Self Discharge	≤2% per month (25°C)			
Charge Voltage 25°C	Cycle Use		Float Use	
	2.36V(-3.5mV/°C),max charge current:45A		2.25V(-3.5mV/°C)	

General Features

- German GEL Technology
- Deep cycle Battery
- Wide operating temperature range from -25°C to 60°C
- Germany GEL technology
- 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



Discharge Parameter

Constant Current Discharge Data (25 °C,A)													
End Voltage (V/cell)	5min	10min	15min	20min	30min	1h	2h	3h	5h	6h	8h	10h	20h
1.65	510	465	432	390	303	188	112.5	82.5	57.00	33.75	16.95	3.75	3.27
1.70	480	443	390	341	285	185	110.55	81.6	55.65	31.95	16.65	3.75	3.27
1.75	450	419	372	329	182	182	108.45	80.4	54.60	31.35	16.50	3.75	3.27
1.80	420	398	344	303	168	168	104.15	76.8	52.50	30.00	16.20	3.75	3.27
1.85	360.0	344	314	284	162	162	98.00	72.00	49.40	28.36	15.30	3.75	3.27

Constant Power Discharge Data (25 °C,W/cell)													
End Voltage	5min	10min	15min	20min	30min	1h	2h	3h	5h	6h	8h	10h	20h
1.65	891	827	777	707	554	348	210	156	108	49.5	25.35	7.5	6.6
1.70	854	801	713	627	527	345	208	156	106.5	47.85	25.05	7.5	6.6
1.75	821	773	693	615	519	344	207	154	105	46.05	24.75	7.5	6.6
1.80	785	747	651	575	488	321	202	148	102	45.00	27.45	7.5	6.6
1.85	687	659	603	549	464	317	192	141	97.5	42.45	26.40	7.5	6.6

Performance Curve

