



## CPFD series

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### 1.0 Product Overview

- Tubular positive plate: The skeleton of positive plate is shaped through die-casting with Pb-Sb multi-alloy, it adopts parallel terylene tube structure, can effectively prevent the active material from falling off, has a good property of anti-corrosion, and ensures the service life to above 15years.
- Pasted negative plate: Plates with grid in radial structure and unique lead paste formula, can improve the utilization of active material, battery's large current discharge capability and its charge acceptability.
- Combined porous rubber and porous PVC separator: Its high porosity and good anti-corrosion property enables it to absorb more acid to effectively prevent internal short-circuit, and improve the diffusion speed of electrolyte, thus reduce the internal resistance of battery greatly.
- The blue transparent case made of imported AS material: It's anti-corrosion, flame retardant, strong and with a nice appearance, The internal structure and status of battery can be observed through the transparent case.
- The funnel shape acid-proof bolt. It has the function of filtering acid smog and retarding flame. It can measure directly the density and temperature of electrolyte, thus make it safe for use and easy for maintenance.
- Combined pole with built-in copper core: The pole's unique seal structure makes the seal of pole highly reliable,thus greatly prolongs battery life.

### 2.0 Product Application



- Backup power supply for UPS and emergency illumination, communication and signal systems as in industries of railway , telecommunication, mobile communications, etc.,



- DC power supply and backup power supply in electricity utility and nuclear power stations, energy storage system for solar/wind generated power.

Model	Nominal Voltage (V)	Nominal Capacity (Ah)	Dimensions (mm/inch)				Weight	Number of post of the same polarity
			Length	Width	Height	Total height		
			mm/inch	mm/inch	mm/inch	mm/inch	Kg	
CPFD(OPzS)-100	2	100	103/4.06	206/8.11	354/13.94	409/16.10	12.6/27.72	1
CPFD(OPzS)-150	2	150	103/4.06	206/8.11	354/13.94	409/16.10	15.3/33.66	1
CPFD(OPzS)-200	2	200	103/4.06	206/8.11	354/13.94	409/16.10	17.2/37.84	1
CPFD(OPzS)-250	2	250	124/4.88	206/8.11	354/13.94	409/16.10	20.8/45.76	1
CPFD(OPzS)-300	2	300	145/5.71	206/8.11	470/18.50	525/20.67	24.30/53.46	1
CPFD(OPzS)-350	2	350	124/4.88	206/8.11	470/18.50	525/20.67	26.90/59.18	1
CPFD(OPzS)-420	2	420	145/5.71	206/8.11	470/18.50	525/20.67	31.5/69.31	1
CPFD(OPzS)-490	2	490	166/6.54	206/8.11	470/18.50	525/20.67	36.1/79.42	1
CPFD(OPzS)-600	2	600	145/5.71	206/8.11	645/25.40	700/27.56	44.8/98.56	1
CPFD(OPzS)-800	2	800	191/7.52	210/8.27	645/25.40	700/27.56	61.3/134.86	2
CPFD(OPzS)-1000	2	1000	233/9.17	210/8.27	645/25.40	700/27.56	74.6/164.12	2
CPFD(OPzS)-1200	2	1200	275/10.83	210/8.27	645/25.40	700/27.56	88.0/193.60	2
CPFD(OPzS)-1500	2	1500	275/10.83	210/8.27	795/31.30	850/33.46	114.3/251.46	2
CPFD(OPzS)-1750	2	1750	399/15.71	214/8.43	771/30.35	826/32.52	140.2/308.4	3
CPFD(OPzS)-1875	2	1875	399/15.71	214/8.43	771/30.35	826/32.52	158.0/347.6	3
CPFD(OPzS)-2000	2	1500	399/15.71	214/8.43	771/30.35	826/32.52	166.0/365.2	3
CPFD(OPzS)-2250	2	2000	487/19.17	212/8.35	771/30.40	826/32.52	195.0/429.0	4

CPFD(OPzS)- 2500	2	2500	487/19.17	212/8.35	771/30.40	826/32.52	204.0/448.8	4
CPFD(OPzS)- 3000	2	3000	575/22.64	212/8.35	771/30.40	826/31.38	242.0/532.4	4

**NOTES:**

- For technical battery including discharge specifications please contact us.
- For terminal information please refer to ICT Power Terminal Guide