OPzV Series-Tubular Gel Batteries for Stationary Applications

OPzV Series tubular gel battery adopts traditional tubular plate with gel technology. Batteries are designed as standby power for communications, power, military and broad cast and television system with excellent deep cycle performance. The design float life is above 18 years at 25°C(77°F). The OPzV range batteries are ensured the quality with CBB QA system according to the ISO9001 and ISO14001 standard.



Key Features

- Reliable seal performance, no acid spillage, recombination efficiency reach 99.9%
- initial capacity above 100%, the remaining capacity above 94% after storage for 3 months(25°C)
- Low float charge voltage, Design(2.23V/cell, 25°C), extremely consistent float charge voltage
- Flexible connectors and convenient installation
- Wide operating temperature range from -15°C to 60°C
- Tubular positive plate with prolonged cycle life
- Fumed Silica gel electrolyte
- Lead Calcium die cast grid with improved corrosion resistance capability
- Low self-discharge rate and long shelf life (1 year at 25°C)
- Excellent deep discharge recovery capability

Applications

- Telecommunications
- Radio and cellular telephone relay stations
- Power stations, Conventional power stations, alternative power(solar/wind)
- large UPS AND Computer back-up
- Railway signaling
- Maritime standby power on ships and ashore
- Process and control engineering
- Standby power
- Buoy Lighting

General Specifications

Model No	Rated Voltage（V）	Rated Capacity (C10/Ah)	Dimension								Weight		Terminal
			Length		Width		Height		Total Height		kg	pound	
			mm	inch	mm	inch	mm	inch	mm	inch			
4OPzV200	2	200	103	4.06	206	8.11	355	14	390	15.4	18	39.7	T5
5OPzV250	2	250	124	4.88	206	8.11	355	14	390	15.4	22	48.5	T5
6OPzV300	2	300	145	5.71	206	8.11	355	14	390	15.4	26	57.3	T5
5OPzV350	2	350	124	4.88	206	8.11	471	18.5	506	19.9	29	63.9	T5
6OPzV420	2	420	145	5.71	206	8.11	471	18.5	506	19.9	34	75	T5
7OPzV490	2	490	166	6.54	206	8.11	471	18.5	506	19.9	39	86	T5
6OPzV600	2	600	145	5.71	206	8.11	646	25.4	681	26.8	46	101.4	T5
8OPzV800	2	800	191	7.52	210	8.27	646	25.4	681	26.8	64.5	142	T5
10OPzV1000	2	1000	233	9.17	210	8.27	646	25.4	681	26.8	78.5	173	T5
12OPzV1200	2	1200	275	10.8	210	8.27	646	25.4	681	26.8	93	205.1	T5
12OPzV1500	2	1500	275	10.8	210	8.27	646	31.3	831	32.7	115	253.6	T5
16OPzV2000	2	2000	399	15.7	214	8.42	646	30.4	807	31.8	155	341.8	T5
20OPzV2500	2	2500	487	19.2	212	8.35	646	30.4	807	31.8	196	432.2	T5
24OPzV3000	2	3000	576	22.7	212	8.35	646	30.4	807	31.8	232	511.6	T5