

SPECIFICATIONS

OPzV Series Tubular GEL Battery

Orema OpzV uses gas-phase nano silica as electrolyte to replace the sulfuric acid electrolyte of traditional lead-acid battery. It has tubular positive plates and immobilized Gel electrolyte, which gives the battery high reliability and stable performance. It not only guarantees excellent conductivity, but also completely eliminates electrolyte leakage.

PRODUCT FEATURES

- ▲ Voltage: 2V
- ▲ Capacity range: (C10)200Ah-3000Ah(25°C)
- ▲ Self-discharge rate: ≤3%/month(25°C)
- ▲ Designed floating life: 20 years(25°C)
- ▲ Gelled electrolyte, no flow, no leakage or no gradation acid
- ▲ Much longer life of tubular positive plates
- ▲ PVC separator, special for gel battery with tiny holes
- ▲ Suitable for deep/shallow cycle applications
- ▲ Cycle life: (25 °C):
 - 30% DOD: 5000 cycles
 - 50% DOD: 2500 cycles
 - 100%DOD: 1000 cycles
- ▲ Operation temperature range: -20~65 °C

APPLICATIONS

- ▲ Solar/wind power system
- ▲ Standby power
- ▲ UPS system
- ▲ Emergency lighting
- ▲ Telecommunication

STANDARD COMPLIANT

- ▲ GB/T 22473-2008
- ▲ IEC60896-21/22: 2004
- ▲ IEC61427-2005
- ▲ DIN43539-T5: 1984
- ▲ DIN40742: 1999
- ▲ BS EN 61427-2002



Model	Voltage	Capacity	Dimension(±1mm)								Weight±3%		Terminal
	(V)	(Ah)	Length		Width		Height		Total Height				
			mm	inch	mm	inch	mm	inch	mm	inch	kg	pound	
OPZV200	2	200	206	8.11	103	4.06	355	13.98	390	15.35	18	39.68	F28
OPZV250	2	250	206	8.11	124	4.88	355	13.98	390	15.35	21	46.30	F28
OPZV300	2	300	206	8.11	145	5.71	355	13.98	390	15.35	23.5	51.81	F28
OPZV350	2	350	206	8.11	124	4.88	470	18.50	496	19.53	31	68.34	F28
OPZV420	2	420	206	8.11	145	5.71	471	18.54	506	19.92	32	70.55	F28
OPZV500	2	500	206	8.11	166	6.54	471	18.54	506	19.92	37.5	82.67	F28
OPZV600	2	600	206	8.11	145	5.71	646	25.43	681	26.81	50	110.23	F28
OPZV770	2	770	254	10.00	210	8.27	471	18.54	506	19.92	55	121.25	F28
OPZV800	2	800	210	8.27	191	7.52	645	25.39	671	26.42	58	127.87	F28
OPZV1000	2	1000	233	9.17	210	8.27	645	25.39	671	26.42	76	167.55	F28
OPZV1200	2	1200	275	10.83	210	8.27	645	25.39	671	26.42	90	198.41	F28
OPZV1500	2	1500	275	10.83	210	8.27	795	31.30	821	32.32	120	264.55	F28
OPZV2000	2	2000	399	15.71	210	8.27	772	30.39	807	31.77	155	341.71	F28
OPZV2500	2	2500	487	19.17	212	8.35	772	30.39	807	31.77	180	396.83	F28
OPZV3000	2	3000	576	22.68	212	8.35	772	30.39	807	31.77	215	473.99	F28

