

OPZV SERIES

2V/12V 60AH~3000AH

Tubular Gel Deep Cycle
Valve Regulated
Lead Acid Battery

OPzV series is Valve Regulated Lead Acid battery that adopts immobilized GEL and Tubular Plate technology to offer high reliability and performance.



Main Features

- **Electrolyte:** GEL electrolyte uses imported silica.
- **Positive plate:** Tubular type, with die-casting thick Pb-Ca grid, it has very good corrosion resistance and a very long service life.
- **Negative plate:** Pasted flat type design, good high rate discharge performance.
- **Separator:** PVC-SiO₂ separator imported from Europe, low internal resistance.
- **Flooded electrolyte design:** Contain more electrolyte like a flooded battery.
- **Safety valves:** Good sensitivity, safe and reliable, equipped with double flame arrester.
- **Battery case:** Made of high strength ABS and durable design.

Specification

Capacity range	60Ah-3000Ah
Voltage class	2V/12V
Long design life (25°C)	20 years
Cycle life	5500@30% DOD (2V) 4800@30%DOD (12V)
Self discharge rate	≤2%/month
Wide operation temperature range	-40°C ~60°

Comprehensive Products & System Certificates

GB/T19639 - 2005, JIS C8702 - 2006, IEC 61056 - 2002, OHSAS18001, UL, CE and TLC certified

ISO9001: 2015/Quality management system
ISO14001: 2015/Standards for environmental management system

Applications

- UPS/Power Storage Plant
- Photovoltaic/Wind Energy
- Telecommunication
- Military

OPZV SERIES 2V/12V 60AH~3000AH



Main Parameters

Module	Nominal Voltage	Capacity C ₂₀ /1.75vpc (Ah)	Dimension (mm)				Weight (Kg)	Terminal Type	Terminal Position
	(V)		Length	Width	Hight	Total Hight			
OPzV12-60	12	60	260	169	211	216	23	F11(M6)	C
OPzV12-80	12	80	328	172	215	220	30	F12(M8)	C
OPzV12-100	12	100	407	177	225	225	34.5	F12(M8)	C
OPzV12-120	12	120	483	170	241	241	45.9	F12(M8)	C
OPzV12-140	12	140	532	207	214	219	53.5	F12(M8)	C
OPzV12-160	12	160	532	207	214	219	57	F12(M8)	C
OPzV12-180	12	180	522	240	219	224	6.5	F10(M8)	C
OPzV12-200	12	200	521	268	220	225	69.5	F14(M8)	C
OPzV2-200	2	200	103	206	355	390	16	F10(M8)	G
OPzV2-250	2	250	124	206	355	390	19.5	F10(M8)	G
OPzV2-300	2	300	145	206	355	390	23.5	F10(M8)	G
OPzV2-350	2	350	124	206	470	505	27	F10(M8)	G
OPzV2-420	2	420	145	206	470	505	32.5	F10(M8)	G
OPzV2-500	2	500	166	206	470	505	38	F10(M8)	G
OPzV2-770	2	770	210	254	470	505	55	F10(M8)	G
OPzV2-600	2	600	145	206	645	680	45	F10(M8)	G
OPzV2-800	2	800	191	210	645	680	60.5	F10(M8)	H
OPzV2-1000	2	1000	233	210	645	680	73.5	F10(M8)	H
OPzV2-1200	2	1200	276	210	645	680	88.5	F10(M8)	H
OPzV2-1500	2	1500	275	210	795	830	104.5	F10(M8)	H
OPzV2-2000	2	2000	399	214	770	805	142.5	F10(M8)	I
OPzV2-2500	2	2500	487	212	770	805	180.5	F10(M8)	J
OPzV2-3000	2	3000	576	212	770	805	214	F10(M8)	J

