

GzV Series

GzV Series batteries are known as OPzV battery, particularly designed for Renewable Energy Power reserve and supply system.

Features:

1. Extremely long life, GzV batteries are designed for 20 years of float service life.
2. Wide operation temperature between -45°C and 60°C.
3. High and stable durability for deep and cyclic discharges.
4. Modular installation for saving footprint space and easy management.
5. Highly reliable performance offers peace of mind away from battery power failure.



Technical highlights:

1. Tubular positive plates: alloyed by strengthened and special-formulated Pb-Ca-Sn-Ag grids with high corrosion resistance. The tubular tube construction is optimized for high-energy containing PAM.
2. Flat pasted negative plates: selected thicker plates and grids consisting of high purity Pb-Ca-Sn alloy for a long-life cooperation supporting to the positive plates.
3. Separator: High quality Micro-porous PVC-SiO₂ material, it's excellent for electrolyte permeability and low internal resistance.
4. Electrolyte: Gelled electrolyte mixing with material of high purity Sulfuric Acid H₂SO₄ and hydrophilic pyrogenic silica SiO₂, and following a tailor-made mixing formula. The Gelled electrolyte is perfect for acid storage and supply under low-and-high temperature operation, and providing good recovery capability after deep discharge.
5. Valve Regulates: GzV-OPzV is kind of Sealed and Maintenance-free VRLA battery equipped with high quality flame arrestor valves which keep the batteries operating at low gas pressure.

Typical applications:

1. Renewable Energy Power reserve and supply, sizable Solar power and Wind power projects.
2. On-Off-Grid Power industry
3. Power Plant
4. Mobile Energy power storage systems
5. Telecom, BTS, Radio wave station

GzV Series

Voltage: 2V, 12V

Capacity: 100Ah - 3000Ah @10Hr

GEM Battery GzV Series	Voltage (V)	Capacity (AH/10HR)	Dimension (mm)				Type	Weight ±3% (kgs)
			±1 L (mm)	±1 W (mm)	±2 H (mm)	±2 TH (mm)		
GzV 2-200	2	200	206	103	356	389	OPzV (Tubular Gel)	18.50
GzV 2-250	2	250	206	124	356	389	OPzV (Tubular Gel)	22.50
GzV 2-300	2	300	206	145	356	389	OPzV (Tubular Gel)	26.50
GzV 2-350	2	350	206	124	473	505	OPzV (Tubular Gel)	28.50
GzV 2-420	2	420	206	145	473	505	OPzV (Tubular Gel)	33.50
GzV 2-490	2	490	206	166	473	505	OPzV (Tubular Gel)	38.50
GzV 2-600	2	600	206	145	646	678	OPzV (Tubular Gel)	47.00
GzV 2-800	2	800	210	191	646	678	OPzV (Tubular Gel)	63.00
GzV 2-1000	2	1000	233	210	646	678	OPzV (Tubular Gel)	77.50
GzV 2-1200	2	1200	275	210	646	678	OPzV (Tubular Gel)	91.00
GzV 2-1500	2	1500	275	210	795	827	OPzV (Tubular Gel)	112.00
GzV 2-2000	2	2000	399	212	770	802	OPzV (Tubular Gel)	150.00
GzV 2-2500	2	2500	487	212	770	802	OPzV (Tubular Gel)	188.50
GzV 2-3000	2	3000	576	212	770	802	OPzV (Tubular Gel)	225.00
GzV 12-100	12	100	406	173	210	235	OPzV (Tubular Gel)	36.00
GzV 12-150	12	150	532	210	216	218	OPzV (Tubular Gel)	54.00
GzV 12-200	12	200	499	259	219	220	OPzV (Tubular Gel)	72.00

* Please contact GEM Battery sales rep to get latest updating model list of the batteries.