

**WING BATTERIES OPzV** are designed for stationary applications and are completely maintenance free. Wing accumulators are successfully used for the following applications. Some examples: solar energy, wind energy, electric power, nuclear power, UPS systems, communication, maritime purposes, emergency lighting, golf trolleys, medical equipment, situation with high environmental protection and energy-saving.



## INNOVATIVE FEATURES

- Positive electrode tubular PbCaSn - alloy
- Negative electrode grid - pasted type with long-life expander material
- Separation micro porous separator
- 1.24 kg/l Electrolyte sulphuric acid - fixed as Gel by silica
- ABS, high impact container
- Valve pressure 50-100 mbar with flame arrestor
- Pole - bushing 100% gas- and electrolyte-tight
- M10 brass insertion sliding-pole
- Connectors, flexible insulated copper cables, with cross-section of 35-90 mm<sup>2</sup>

## CONSTRUCTION FEATURES

- Designed service life of 20 years
- High cycle service life
- Better temperature resistance performance
- Excellent deep cycle performance
- Better safety performance and reliability
- High Performance price/ratio and low yearly operating cost

## STANDARDS AND CERTIFICATION

- No special shipping requirements
- Non Hazardous goods
- Deutsche Telecom TL4423-06OGIV

## MAIN APPLICATIONS



UPS SYSTEMS



COMMUNICATION



MARITIME PURPOSES



MEDICAL EQUIPMENT



NUCLEAR POWER

## TECHNICAL FEATURES

**Plates:** positive plate adopts tubular type plate, which can effectively prevent active substance falling, the positive plate frame is molded with multi-component alloy, the crystal particle of alloy structure is tiny and dense, the corrosion-resisting performance is fine and service life is long. Negative plate adopts pasted plate, the grid adopts radiated structure, which enhances utilization ratio of active substance and discharge capability of strong current, and the charge reception capability is strong.

**Container and lid:** it is made of ABS material, corrosion prevention is fine, strength is high, and appearance is beautiful, it can be sealed with lid reliably, which can prevent potential leakage risk.

**Separator:** adopt special micro-pore PVC-SiO<sub>2</sub> separator from Europe AMER-SIL Company, the porosity of separator is big and resistance is low. It has bigger electrolyte storage space.

**Terminal sealing:** the built-in copper core lead-base terminal post has stronger current carrying capacity and corrosion resistance. The unique double sealing structure of terminal post can effectively avoid leakage, guarantee reliability of terminal post sealing.

**Safety valve:** adopt Germany technology, constant opening and closing valve, high reliability, the accumulator case expansion, damage and electrolyte dry up can be avoided.

## TECHNICAL CHARACTERISTICS

WING OPzV							
Type	Nominal Voltage (V)	Nominal Capacity (Ah) C10/20°C/1.80V	Dimensions (mm)			Weight (kg)	Terminals Thread
			Depth	Width	Height		
4 OPzV 200	2	204	103	206	354/380	19	M10
5 OPzV 250	2	255	124	206	354/380	23	M10
6 OPzV 300	2	306	145	206	354/380	28	M10
5 OPzV 350	2	357	124	206	471/496	31	M10
6 OPzV 420	2	429	145	206	471/496	36	M10
7 OPzV 490	2	500	166	206	471/496	41	M10
6 OPzV 600	2	612	145	206	643/668	49	M10
8 OPzV 800	2	816	210	191	664/669	65	M10
10 OPzV 1000	2	1020	210	233	646/671	80	M10
12 OPzV 1200	2	1251	210	275	645/670	93	M10
12 OPzV 1500	2	1530	210	275	796/821	115	M10
16 OPzV 2000	2	2040	214	399	771/796	155	M10
20 OPzV 2500	2	2550	214	487	769/794	200	M10
24 OPzV 3000	2	3060	214	576	771/796	235	M10

## DIMENSIONS / POLE SETTINGS

