



# WING Battery - OPzS Blocks



WING Battery OPzS stationary blocks (cells) are produced in the conventional lead-acid technology.

Stationary batteries of the OPzS type are intended for the supply of telecommunication facilities, computers, emergency lightning, alarm, control and monitoring systems in power plants and distribution stations, at railway stations, airports etc.



## DESIGN

### OPzS cells (block)\*

#### POSITIVE ELECTRODE

- Tubular plate with low antimony alloy (<2 %)

#### NEGATIVE ELECTRODE

- Flat with long life expander active material

#### SEPARATION

- Microporous separator

#### ELECTROLYTE

- Sulphuric acid of 1,24 kg/l at 20 °C

#### CONTAINER

- High impact, transparent SAN LID

#### BLOCKS WITH BLIND CELLS

- 4V, 6V, 8V, 10V

#### PLUGS

- Ceramic plugs according to DIN 40740

#### POLE SEALING

- 100 % gas-and electrolyte-tight, sliding-pole

#### CONNECTOR

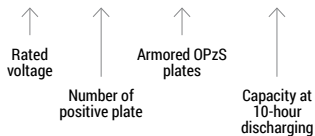
- Flexible insulated copper cable with cross-section of 35, 50, 70, 95 or 120 mm<sup>2</sup> (35, 50 or 70 mm<sup>2</sup>)\*

#### KIND OF PROTECTION

- IP 25 regarding DIN 40050, touch protected according VBG 4

Uf V/cell	1,80	1,77	1,75	1,67	IEC 896-1		Dimensions (mm)			Weight (kg)		
					RI (mΩ)	Isc (A)	L	W	H	Dry	Wet	
Discharging (h)	10	5	3	1								
<b>CELL TYPE</b>												
12V 1 OPzS 50	51	40,9	38,0	28,4	20,0	613	272	205	392	26	39	
12V 2 OPzS 100	103	81,8	75,7	56,7	9,3	1290	272	205	392	38	50	
12V 3 OPzS 150	154	122,6	113,7	85,1	6,9	1739	380	205	392	53	69	
6V 4 OPzS 200	204	167,0	149,3	115,2	2,2	2703	272	205	392	36	47	
6V 5 OPzS 250	255	208,6	186,6	143,6	1,9	3175	380	205	392	44	61	
6V 6 OPzS 300	307	250,5	223,7	172,0	1,6	3846	380	205	392	52	68	

## 12V 2 OPzS 100



Electrolyte density: 1,24 ± 0,01kg/l at 20 °C.

All measures and weights are within standard production tolerances. Electrical values are approximative. Technical modifications are reserved without prior notice.

