

TAB OPzV BATTERIES

TAB OPzV range of valve regulated lead acid stationary batteries combine the benefits of recombination technology (i.e. virtually no maintenance due to very low gas emissions) plus the advantages of conventional vented batteries with positive tubular plates (i.e. long life and excellent cycling capability).

TAB OPzV valve regulated lead acid batteries are the ideal energy source for many different standby applications.



FLOAT VOLTAGE

» Standby use 2.23 V/cell

BOOST RECHARGE

» Maximum voltage of 2.35 - 2.40 V/cell with a maximum current of 0.25 C10 (A)

SELF DISCHARGE

» approx. 2 % per month at 20 °C

TUBULAR POSITIVE PLATES

» Special grid construction, pressure cast from antimony free alloy, with highly porous gauntlets that retain the active material

PASTED NEGATIVE PLATES

» Service lives consistent with the positive plates

ELECTROLYTE

» Gel structure

SEPARATORS

» Extremely high porosity and low internal resistance

CONTAINERS AND LIDS

» Made of plastic (ABS) material. Also available in ABS flame retardant material as an option (according to IEC 707 FV0)

INSTALLATION

» Cells are normally installed in an upright position on steel stands

ONE WAY RELIEF VALVE

» Opens at low pressure and is fitted with a flame arrestor device

TERMINALS

» Female treated terminal (M10) perfect contact and low resistance with flexible cable connectors

POST SEALS

» Prevents electrolyte leakage and terminal corrosion

CONNECTORS

» Flexible, fully insulated cable connectors screwed (with 20 ±1 Nm) to the terminal with an insulated screw having a probe hole on the top for electrical measurement

DIN 40742	Capacity (Ah at 20 °C)					Weight kg	Dimensions mm			pict.
	Nomin. Cap.	10 hrs to	5 hrs to	3 hrs to	1 hrs to		L	W	H	
	10 hrs / 1,8 VPC	1,8 VPC	1,77 VPC	1,75 VPC	1,67 VPC					
4 OPzV 200	200	204	172	150	106	19	103	206	371	A
5 OPzV 250	250	255	215	188	133	23	124	206	371	A
6 OPzV 300	300	306	258	225	159	28	145	206	371	A
5 OPzV 350	350	357	300	263	185	31	124	206	488	A
6 OPzV 420	420	429	360	315	222	36	145	206	488	A
7 OPzV 490	490	500	420	368	259	41	166	206	488	A
6 OPzV 600	600	612	516	450	312	49	145	206	660	A
8 OPzV 800	800	816	688	600	416	65	210	191	661	B
10 OPzV 1000	1000	1020	860	750	520	80	210	233	663	B
12 OPzV 1200	1200	1251	1032	900	624	93	210	275	662	B
12 OPzV 1500	1500	1530	1260	1116	744	115	210	275	813	B
16 OPzV 2000	2000	2040	1680	1488	992	155	214	399	788	C
20 OPzV 2500	2500	2550	2100	1860	1240	200	214	487	786	D
24 OPzV 3000	3000	3060	2520	2232	1488	235	214	576	788	D

According to DIN 40742, IEC 60896-2

Features

- » **SAFE**
- » **LONG LIFE** (+15 years design life)
- » **VERSATILE**
- » **RELIABLE**
- » **MINIMAL GASSING**
- » **DEEP DISCHARGE RESISTANCE**

