



Banner

STAND BY BULL

CELL OPzV: Type OPzV 200 → OPzV 3250

Banner Stand by Cell OPzV batteries are maintenance-free, sealed lead batteries with positive tubular plates and electrolyte in solidified gel form. The robust individual cells are especially suitable for applications with capacitive discharges lasting from 1-10 hours. Such applications include the emergency power supply of remote communications systems and industrial plant, as well as safety power supply units for lighting and measurement systems. These batteries are also used frequently in the cyclical operations in solar power plants.

Merkmale

- Individual cells, 2 V rated voltage
- Sustained charge voltage: 2.25-2.30V per cell
- Space saving design
- Recommended temperature range of 20°C (max. -10°C to +45°C)
- Low ventilation requirement pursuant to EN 50272-2
- „Very Long life“ Eurobat classification
- Designed for a service life of 12 years + Plus Battery after EUROBAT
- Secure against deep discharge in accordance with DIN 43539 T5
- Non-hazardous item in Line with FAA and IATA (pursuant to packaging regulation 806)

Design

- Positive electrode
- Antimony-free tubular plates
- Negative electrode
- Lead/calcium alloy grid plate
- Separation Micro-pore plastic separator
- Casing material ABS, bonded cover
- Electrolyte Diluted sulphuric acid fixed in gel form
- Terminal design Safety terminal with special coating
- Terminal screw M10 metric steel screw with plastic head and measurement point
- Rigid cell connector Flexible, fully insulated copper cable connector
- Cell plug
- Backfire preventive safety valve
- IEC 896-2 product standard
- DIN 43 534, BS 62 90 Pt4, Eurobat





Banner

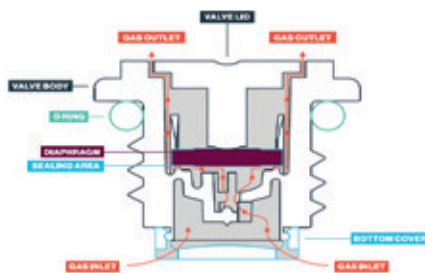
STAND BY BULL

TECHNICAL DATA

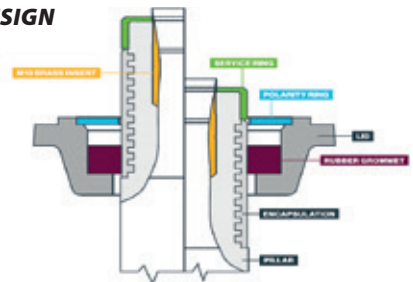
Type	Rated voltage in V.	Capacity in Ah				Dimensions				Terminal max 18 Nm	lk in A	Total weight kg
		C 3 1,75VPC	C 5 1,75VPC	C 10 1,80VPC	C 100 1,85VPC	Length mm	Width mm	Height mm	Total height			
4 OPzV 200	2	183	204	225	253	105	208	367	392	M 10	1650	18,4
5 OPzV 250	2	227	254	280	292	126	208	367	392	M 10	2100	22,2
6 OPzV 300	2	272	303	335	359	147	208	367	392	M 10	2550	26,2
5 OPzV 350	2	335	404	415	430	126	208	483,5	509	M 10	2800	30,7
6 OPzV 420	2	403	487	500	498	147	208	483,5	509	M 10	3400	36,2
7 OPzV 490	2	468	565	580	566	168	208	483,5	509	M 10	4050	41,7
6 OPzV 600	2	586	680	750	805	147	208	656	681	M 10	4350	50
8 OPzV 800	2	789	915	1010	961	212	193	657	682	M 10	4550	66,3
10 OPzV 1000	2	977	1133	1250	1144	212	235	659	684	M 10	6050	81,7
12 OPzV 1200	2	1180	1368	1510	1425	212	277	658	683	M 10	7600	97
12 OPzV 1500	2	1282	1452	1650	1649	212	277	809	834	M 10	8500	111,9
20 OPzV 2000	2	1709	1936	2200	2456	215	400	784	809	M 10	10500	155,6
20 OPzV 2500	2	2129	2411	2740	3128	214	489	782	807	M 10	13000	190,1
22 OPzV 2750	2	2350	2662	3025	3394	214	578	784	809	M 10	14600	216,4
24 OPzV 3000	2	2564	2904	3300	3691	214	578	784	809	M 10	16000	226,2
26 OPzV 3250	2	2777	3146	3575	3909	214	578	784	809	M 10	17300	236

The electrical values given are valid for loads in a fully charged condition and an ambient temperature of 20°C.

GAS RELEASE VALVE



PILLAR SEALING DESIGN



Installation

The cells are suitable for standing or lying installation, on stands or in cabinets. On request, we provide special holders for areas subject to earthquakes. The safety regulations according to EN 50272-2 are to be observed, particularly those relating to ventilation. Charging must be matched to the given voltage limits.

All the given dimensions and weights are subject to the standard production tolerances. The electrical values are approximate. Our products are subject to ongoing further development and therefore we retain the right to make alterations without prior notice.

Presented by:

A: Banner GmbH, A-4021 Linz, Banner Straße 1, Tel. 0732/3888-0, e-mail: office@bannerbatterien.com

GB: Banner Batteries (GB) Ltd., Units 5-8 Canal View Business Park, Wheelhouse Road, Rugeley, Staffordshire WS15 1UY, Tel. +44/ (0)1889/ 57 11 00, Telefax +44/ (0)1889/ 57 73 42, e-mail: office.bgb@bannerbatteries.com

Banner
THE POWER COMPANY