



# Banner

## STAND BY BULL

### **Bloc OGi: Type 12 V 1 OGi 25 → 6 V 12 OGi 300**

Banner Stand-by Bull Cell OGi batteries are encapsulated, lead batteries, which have been developed for universal applications. They are suitable for both very short discharging times with high power and for capacitive discharge over long periods.

They are employed in power stations, transformer stations, UPS systems and industrial plants, for safety lighting and emergency power supply units, as well as starter batteries for emergency diesel engines.

#### Features

- Block batteries, 6 V and 12 V rated voltage
- Corrosion-resistant terminal design
- Recommended temperature range of 20°C (max. -10°C to +50°C)
- Water refilling intervals of approx. 3 years in stand-by parallel operation with ceramic plugs
- Compensation charge voltage of 2.23 V/cell
- Exceptional discharge characteristics
- 10 - 12-year design life in stand-by operation mode



#### Design

- Positive electrode  
Pasted round grid plate < 2% Sb content
- Negative electrode  
Pasted grid plate with long-term spreading material
- Separation  
Microporous, synthetic cutter
- Casing material  
Halogen-free styroacrylnitrile (SAN)
- Electrolyte  
Diluted sulphuric acid  $d = 1,24 \text{ kg/l}$
- Terminal design  
Safety terminal with rubber sealing
- Terminal screws  
Metric steel screws with sprayed on plastic head and measurement point
- Cell connections  
Fully insulated, flexible copper cable connectors
- Cell plug  
Standard plugs, ceramic plugs as an option, special designs on request
- Testing according to IEC 896-1
- Dimensions according to DIN 40 737 Part 3
- VDE 0510 Part 2 application standard



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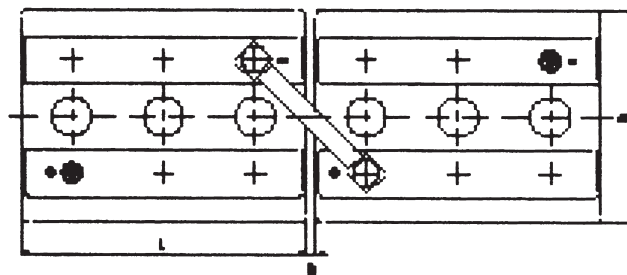
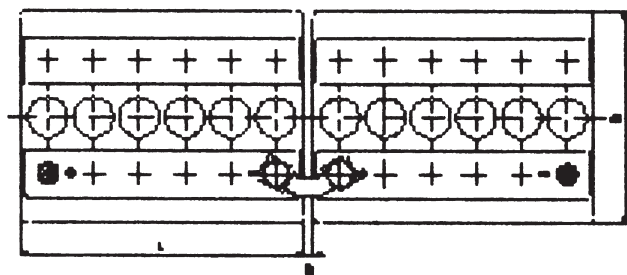
### Technical details

Type	Rated voltage in V	Capacity in Ah				Dimensions			Ri mOhm	Ik in A	Terminal no.	Terminal type	Acid 1,24 kg/l.	Total weight kg
		C 10	C 5	C 3	C 1	Length	Width	Height*						
		1,80 V/Z	1,75 V/Z	1,75 V/Z	1,7 V/Z	mm	mm	mm						
12V 1 OGI 25	12	25	25,5	22,5	16,8	272	205	375	16,97	720	2	M 10	11	33,0
12V 1 OGI 50	12	50	49,5	44,7	32,8	272	205	375	8,91	1.410	2	M 10	10,9	41,0
12V 1 OGI 75	12	75	74,5	67,5	49,6	272	205	375	5,94	2.110	2	M 10	10,8	49,0
12V 1 OGI 100	12	100	98,5	89,4	65,7	272	205	375	4,46	2.810	2	M 10	10,7	58,0
12V 1 OGI 125	12	125	123	113,3	81,6	380	205	375	3,57	3.520	2	M 10	15,7	78,0
12V 1 OGI 150	12	150	148,5	133,8	98,2	380	205	375	2,97	4.220	2	M 10	15,5	86,0
6V 1 OGI 175	6	175	172,5	156	114,1	272	205	375	14	4.930	2	M 10	11,3	49,0
6V 1 OGI 200	6	200	197,5	178,8	130	272	205	375	12	5.630	2	M 10	11,1	53,0
6V 1 OGI 225	6	225	221,5	200,7	145,8	380	205	375	9	6.360	2	M 10	16,4	68,0
6V 10 OGI 250	6	250	247	223,5	161,7	380	205	375	12	7.040	2	M 10	16,3	72,0
6V 11 OGI 275	6	275	271,5	245,1	177,6	380	205	375	12	7.780	2	M 10	16	75,0
6V 12 OGI 300	6	300	296	268,2	194,4	380	205	375	12	8.440	2	M 10	11,1	79,0

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

\* Height including connector.

### Installation variations:



### Installation

The blocks are suitable for all standard installations on racks or in cabinets. On request, we supply special racks for zones subject to earthquakes. The safety regulations according to EN 50272-2 are to be observed, particularly those relating to ventilation. Charging must be adjusted to the given voltage limits.

All figures relating to dimensions and weight are subject to the standard production tolerances.

The electrical values are approximate. Our products are subject to ongoing development, therefore we retain the right to make changes without an obligation to inform.

Presented by:

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**Banner**  
THE POWER COMPANY