



# Banner

## STAND BY BULL

### **Bloc SBX: Type SBX 12-18 → SBX 12-250**

Banner Stand by Bull Bloc batteries are sealed, valve-regulated lead batteries with electrolyte bound into a non woven fabric.

A unique active mass and special glass fibre separators guarantee extremely high energy density. In addition, thin plate technology ensures high discharge current in combination with minimum internal resistance. These batteries are ideal for use in the high-voltage area for UPS and start applications.

#### Features

- Block batteries, 12 V rated voltage
- Zero-maintenance for entire service life
- Compensation charge voltage of 2.27 V/cell
- Recommended temperature range of 20°C (max. -10°C to +40°C)
- Long service life
- Employment independent of position
- Corrosion-resistant terminal design
- Best voltage position in the high-voltage range
- Non hazardous item in line with FAA und IATA (prusuant to packaging regulation 806)
- Designed for a service life of 10 years + in stand by operation mode „Long life“ after EUROBAT

#### Design

- Positive electrode  
Lead/calcium, high-performance grid with pasted active mass
- Negative electrode  
Lead/calcium, high-performance grid with pasted active mass
- Separation  
Glass fibre non-woven web
- Casing material  
ABS, bonded cover
- Electrolyte  
Extremely pure sulphuric acid bound into a web
- Terminal design  
Electrolyte-tight safety terminal sealed with epoxy resin
- Cell connections  
Interior welding through the casing wall
- Cell plug  
Safety valve with an overpressure ventilation system for 2 psi (14 Kpa) gas pressure





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### Technical details

Type	Rated voltage in V	Capacity in Ah				Dimensions			Ri mOhm	Ik in A	Terminal no	Charge voltage max. A	Type of connection	Total weight kg
		C 20 1,60 V/Z.	C 10 1,80 V/Z.	C 5 1,75 V/Z.	C 1 1,60 V/Z.	Length mm	Width mm	Height mm						
SBX 12-18	12	21	18,7	17,1	13	181,5	77	167,5	15	853	2	C	In M 5	6
SBX 12-24	12	29,8	25,5	21,8	16,9	166	175	125	12	921	2	C	In M 5	8,8
SBX 12-38	12	43	38,7	32,8	25,3	197	165	170	10	1162	2	C	In M 6	13,2
SBX 12-65	12	74,2	67,4	56,5	41,8	348	167	178	7,3	2030	2	B	In M 6	21
SBV 12-72	12	81	74,4	65,5	46,2	259	168	214	6,6	2165	2	B	In M 6	22,3
SBX 12-100	12	110,8	104	89,5	68,2	330	173	220	4,9	2988	2	B	In M 8	30,4
SBX 12-120	12	134,8	124	105	85,3	410	177	225	4	3450	2	B	In M 8	37,6
SBX 12-150	12	168,6	155	131	100,4	485	170	240	3,5	4370	2	B	In M 8	43,5
SBX 12-200	12	222	206	174,5	136	522	240	224	2,7	5500	2	E	In M 8	62,5
SBX 12-250	12	276	258	218	165,5	522	268	226	2,5	6120	2	E	In M 8	73

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

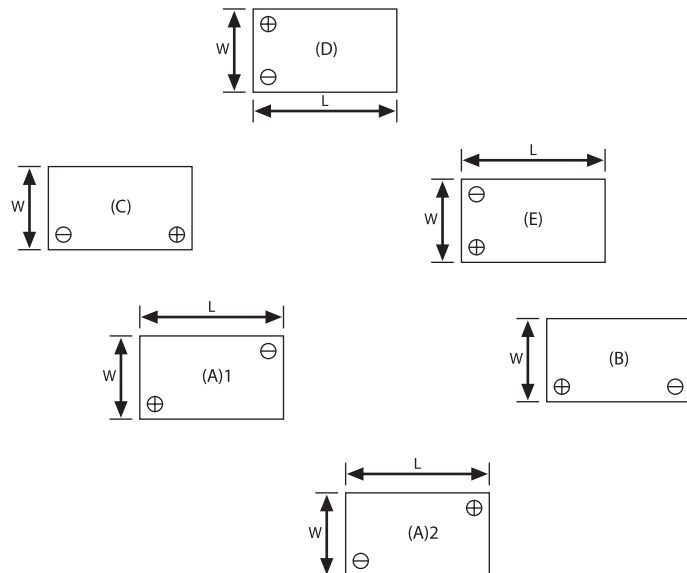
\* F 4.8 (Faston 4.8 mm), F 6.4 (Faston 6.4 mm), In (insert screw terminal)

### Installation

The blocks are suitable for position-independent installation on racks or in cabinets. On request, we supply special racks for zones subject to earthquakes, telecommunications applications and UPS systems. The safety regulations according to EN 50272-2 are to be observed, particularly those relating to ventilation. Charging must be adjusted to the voltage limits stipulated in our data sheets.

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.

The adjacent drawing shows on type of installation



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**Banner**  
THE POWER COMPANY