



STAND BY BULL

Banner

Bloc SBV: Type SBV 12-18 → SBV 12-230

Banner Stand-by Bull Bloc Vlies (web) batteries are encapsulated, valve control-ed lead batteries containing electrolyte bound into a non-woven web. These block batteries are characterised by their versatility of application and zero-maintenance design.

Other advantages include their long service life, very high power density and compatible casing dimensions. These batteries are mainly employed in UPS systems, as a diesel starter battery and in solar plants.

Features

- Block batteries, 6 V and 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
- Good voltage position in the high-voltage range
- Non hazardous item in line with FAA und IATA (prusuant to packaging reglation 806)
- Designed for a service life of 10 years + in stand by operation mode "High performance" 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



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 1,80 V/Z.	C 10 1,80 V/Z.	C 5 1,75 V/Z.	C 1 1,65 V/Z.	Length mm	Width mm	Height mm						
SBV 12-18	12	18	15	14,5	10,7	181	76	167	17,1	732	2	C	In M 5	6,3
SBV 12-26	12	26	23	21,5	17,6	166	176	126	11	900	2	C	In M 5	9,2
SBV 12-33	12	33	28	25	21,2	195	130	160	8,5	1.100	2	B	In M 6	10,9
SBV 12-44	12	44	36	32	28,1	198	165	153	7,5	1.400	2	C	In M 6	13,6
SBV 12-55	12	55	46	41,5	34,5	228	138	210	6,5	1.700	2	B	In M 6	17,5
SBV 12-70J	12	70	56	51,5	46,2	350	167	179	5	2.100	2	C	In M 6	22,1
SBV 12-70	12	70	57	52,5	47,1	260	168	212	5	2.100	2	B	In M 6	21,5
SBV 12-80	12	80	66	61	54,8	260	168	212	5	2.400	2	B	In M 6	23,7
SBV 12-90	12	90	76	70	58,4	306	168	212	4	2.650	2	B	In M 6	29
SBV 12-100	12	100	85	76	64	306	168	212	5	2.900	2	B	In M 6	30
SBV 12-110	12	110	93	83,5	69	328	171	205	4	3.000	2	B	In M 6	32,2
SBV 12-120	12	120	104	93	78,9	408	176	227	3	3.300	2	B	In M 6	35
SBV 12-135	12	135	115	105	96,6	340	173	280	2,7	3.750	2	C	In M 6	39,6
SBV 12-150	12	150	128	115	101,7	482	170	242	2,5	4.200	2	B	In M 6	44,2
SBV 12-160	12	160	146	131	113,3	530	209	214	2	4.700	2	E	In M 6	52,2
SBV 12-200	12	200	172	158	137,9	520	240	220	<2	5.400	2	E	In M 8	66
SBV 12-230	12	230	200	179	146,7	521	269	203	<2	5.900	2	E	In M 8	70

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

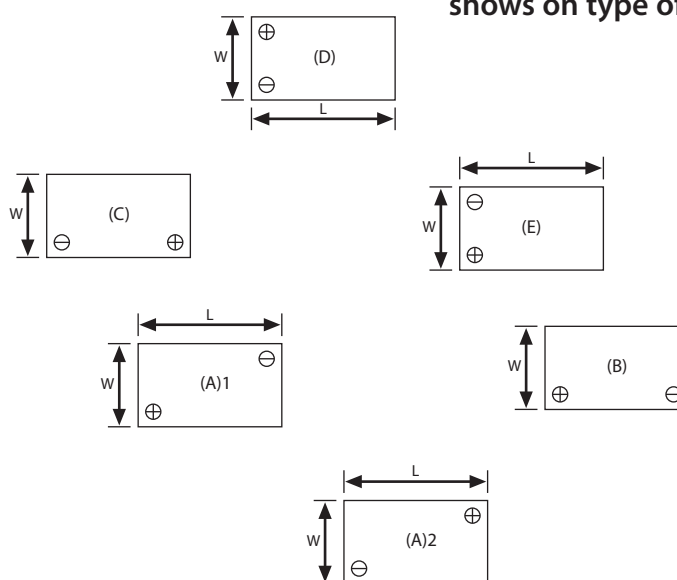
* F 4.8 (Faston 4.8 mm), F 6.4 (Faston 6.4 mm), In (insert screw terminal)

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



Presented by:

A: Banner GmbH, A-4021 Linz, Banner Straße 1, Tel. 0732/3888-0, Fax 0732/3888-21598, 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