



Banner

STAND BY BULL

Bloc SBG: Type SBG 12-18 → SBG 12-230

Banner Stand-by Bull block GEL batteries are sealed, valve-controlled lead batteries containing gelled electrolyte. These block batteries are characterised by their robust and absolutely maintenance-free design.

Additional advantages are long service life, high cycle resistance and compatible casing dimensions. These batteries are employed mainly in the mobile radio area, for switching systems, medical equipment and safety lighting. New batteries require several cycles prior to attaining full capacity.

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 +50°C)
- Long service life even under cyclical loads
- Employment independent of position
- Corrosion-resistant terminal design
- Designed for a service life of 10 years + in stand by operation mode Long Life
- Non-hazardous item in line with FAA and IATA (pursuant to packaging regulation 806)

Design

- Positive electrode
Lead/calcium, high-performance grid with pasted active mass
- Negative electrode
Lead/calcium, high-performance grid with pasted active mass
- Separation
Microporous, duroplastic cutter with glass fibre coating
- Casing material
ABS, bonded cover
- Electrolyte
Extremely pure sulphuric acid bound into a gel
- 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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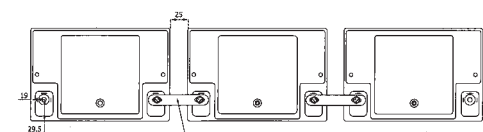
STAND BY BULL

Technical details

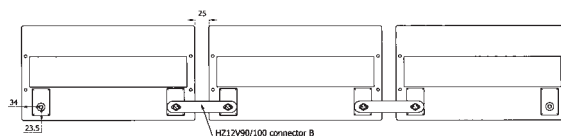
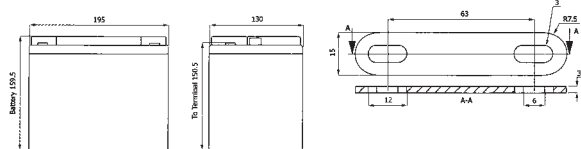
Type	Rated voltage in V	Capacity in Ah				Dimensions			Ri mOhm	Ik in A	Terminal No	Terminal typ	Type of connection*	Total weight kg
		C 20 1,60 V/Z.	C 10 1,70 V/Z.	C 5 1,80 V/Z.	C 1 1,80 V/Z.	Length mm	Width mm	Height mm						
SBG 12-18	12	18	14	12,5	8,9	181	76	167	16	700	2	C	In M 5	5,7
SBG 12-26	12	26	23	15,1	17,5	166	176	126	9,5	900	2	C	In M 5	8,8
SBG 12-33	12	33	23,9	18,6	20,8	195	130	160	10,6	1.100	2	B	In M 6	10,2
SBG 12-44	12	44	35	31	24,8	198	165	158	8,5	1.400	2	C	In M 6	13,5
SBG 12-55	12	55	46	40	31,1	228	138	210	7,5	1.700	2	B	In M 6	16,8
SBG 12-70J	12	70	56	50	40,3	350	167	179	5,3	2.100	2	C	In M 6	22,6
SBG 12-70	12	70	58	51	41,2	260	168	212	5,2	2.100	2	B	In M 6	25,1
SBG 12-80	12	80	67	59,5	46,2	260	168	212	5,7	2.400	2	B	In M 6	24
SBG 12-100	12	100	80	70	53,2	306	168	212	4,7	2.900	2	B	In M 6	28,3
SBG 12-110	12	110	90	79,5	60,2	328	171	205	4,4	3.000	2	B	In M 6	30,9
SBG 12-120	12	120	102	89	68,2	408	176	227	3,7	3.300	2	B	In M 6	34,5
SBG 12-135	12	135	121	108,5	80	340	173	280	4	3.750	2	C	In M 6	41,9
SBG 12-150	12	150	127	110	87,4	482	170	242	3,3	4.200	2	B	In M 6	45
SBG 12-160	12	160	143	127	96,6	530	209	214	3,1	4.700	2	E	In M 6	54,9
SBG 12-200	12	200	171	150	113	520	240	220	2,9	5.400	2	E	In M 8	63,3
SBG 12-230	12	230	196	170,5	126	521	269	203	2,3	5.900	2	E	In M 8	74,5

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

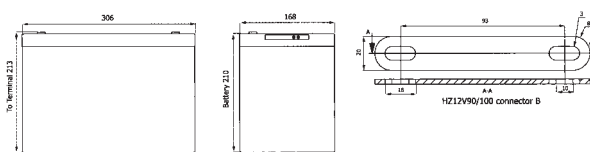
* F 4.8 (Faston 4.8 mm), F 6.4 (Faston 6.4 mm), In (insert screw terminal)



SBG 12-33



SBG / 12-90/100



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.

Presented by:

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THE POWER COMPANY