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STAND BY BULL

Bloc GiV-S: Type GiV-S 12-5,4 → GiV-S 12-45

Banner Stand by Bull Bloc GiV-S batteries are sealed lead batteries, which use AGM technology. This battery type meets the increased requirements prevailing in the high-voltage sector and is therefore especially suitable for UPS applications. High discharge efficiency and rapid recharging capacity offer a high degree of performance and reliability.

Features

- Block batteries, rated voltage: 12V
- Absolute maintenance-free throughout entire service life
- Sustained charge voltage: 2.27V/cell
- Recommended temperature range 20° C (max. -10° C to +45° C)
- Low self-discharge
- Compatible insert terminal connections from 18 Ah
- Non-hazardous item according to FAA and IATA (pursuant to packaging regulation 806)
- Position insensitive
- 5-year design service life (Standard Commercial pursuant to EUROBAT)

Design

- Positive electrode
Lead/calcium, high-performance mesh with pasted-in active mass
- Negative electrode
Lead/calcium, high-performance mesh with pasted in active mass
- Separation
Glass fibre separator
- Casing material
Impact-resistant ABS bonded cover
- Electrolyte
High-purity sulphuric acid bound into a nonwoven
- Terminal bushing
Epoxy resin sealing, electrolyte-tight
- Welded cell connection, internal through the cell wall
- Cell plugs
Safety valve with an overpressure ventilation system for gas pressure of 1.5 – 2 psi (10.5 – 14 KPa)





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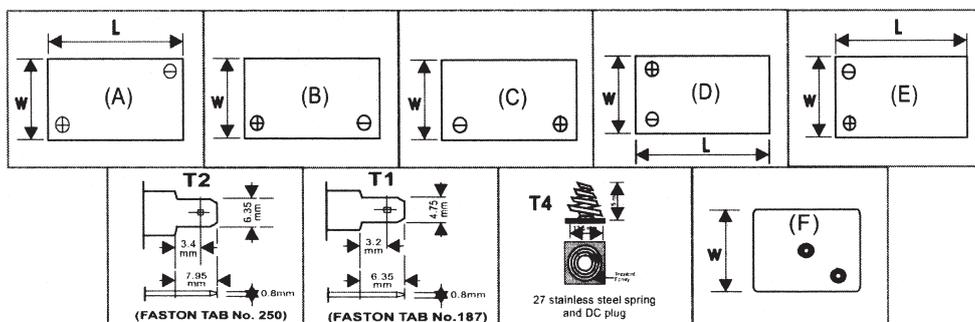
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Technical data

Type	Rated voltage in V	Capacity in Ah 1.75V/cell				Dimensions			Terminals			Total weight in kg	
		C 20	C 10	C 5	C 1	Length	Width	Height*	Ri m Ohm	Type	Version		
		1,80 V/Z	1,80 V/Z	1,75 V/Z	1,60 V/Z	mm	mm	mm					
GiV-S 12-5,4	12	5,4	5,5	4,1	3,3	90	70	107	30	T1	D	Faston 4,7	1,68
GiV-S 12-7	12	7	6,5	5,3	1,4	151	64,5	99	23	T1	D	Faston 4,7	2,18
GiV-S 12-7,5	12	7,5	7	5,7	4,7	151	64,5	99	20	T2	D	Faston 6,35	2,45
GiV-S 12-9	12	9	7,9	6,5	5,3	151	64,5	99	18	T2	D	Faston 6,35	2,45
GiV-S 12-12	12	12	11,2	9,2	7,5	151	97	99	14	T2	D	Faston 6,35	3,60
GiV-S 12-18	12	18	16,7	13,8	11,3	181,5	77	167,5	16	In	C	M 5	5,30
GiV-S 12-26	12	26	21,2	19,9	16,3	166,5	175	125	14	In	C	M 5	8,00
GiV-S 12-33	12	33	30,7	25,9	20,7	195	130	180	12	In	B	T 5	10,5
GiV-S 12-45	12	45	43,9	35,1	27,5	197	165	170	9	In	C	M 6	14,5

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

* Height including connectors



Installation

All standard forms of installation, including position insensitive variations are permissible. The space requirement is low due to high energy density. In the case of installation in battery compartments or cabinets, the safety regulations pursuant to EN 50272-2 are to be observed. Stand by Bull Bloc GIV batteries may only be charged using special, voltage-regulated chargers. Standard chargers can quickly destroy the battery.

All dimensional and weight data is subject to standard production tolerances. The electrical values are approximate. Our products are subject to ongoing development and therefore we retain the right to make changes without an obligation to provide prior notification.

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