



# STAND BY BULL

# Banner

## **Bloc GiV-S: Type 12-5 → 12-44**

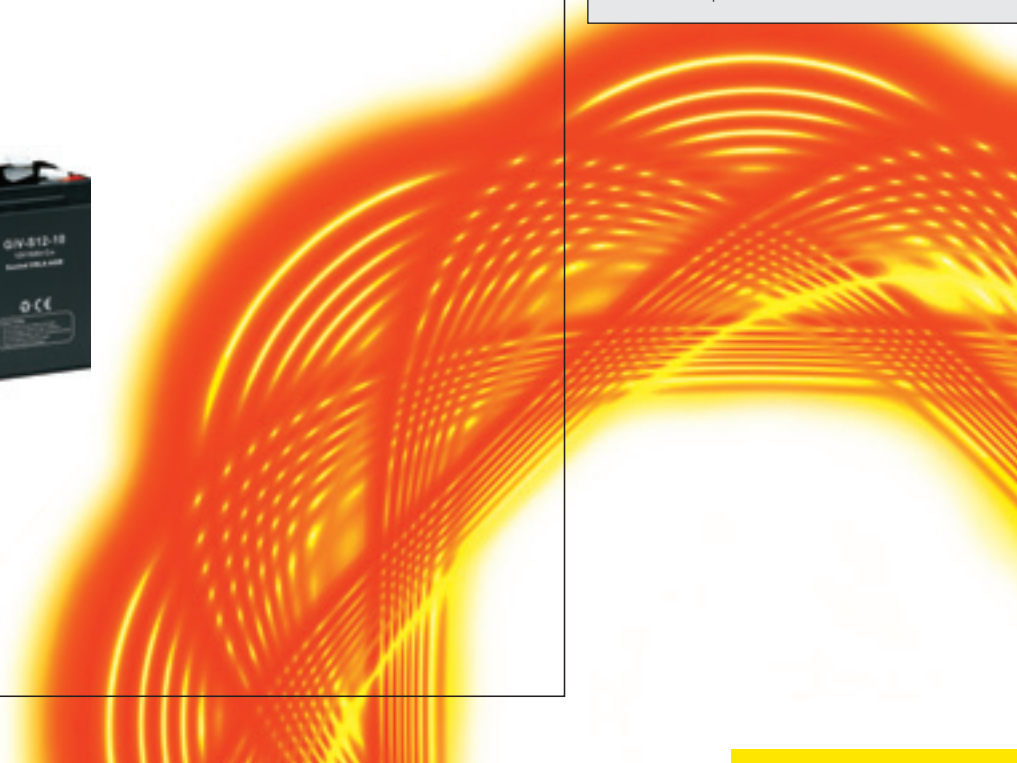
Banner Stand by Bull Bloc GiV-S batteries are sealed lead batteries, which use AGM technology. This battery type meets the increased requirements prevailing in the high-voltage sector and is therefore especially suitable for UPS applications. High discharge efficiency and rapid recharging capacity offer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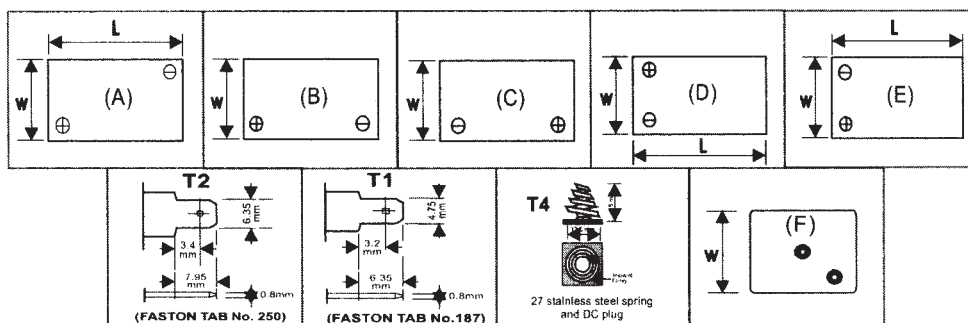
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## Technical data

Type	Rated voltage in V	Capacity in Ah 1.75V/cell				Dimensions			Terminals			Total weight in kg
		C 20 1.75 V/Z.	C 10 1.75 V/Z.	C 5 1.75 V/Z.	C 1 1.75 V/Z.	Length mm	Width mm	Height* mm	Type	Terminal	Version	
<b>GiV-S 12-5</b>	12	5	4.5	4.15	3.38	90	70	107	T1	D	Faston 4.7	1.62
<b>GiV-S 12-7</b>	12	7	6.8	6.5	4.89	151	65	99	T1	D	Faston 4.7	2.00
<b>GiV-S 12-7,5</b>	12	7.5	7.3	6.8	5.2	151	65	99	T2	D	Faston 6.4	2.20
<b>GiV-S 12-10</b>	12	10	9.85	9.85	7.54	151	65	118	T2	D	Faston 6.4	2.80
<b>GiV-S 12-12</b>	12	12	11.85	11.55	8.84	150	97	99	T2	D	Faston 6.4	3.50
<b>GiV-S 12-18</b>	12	18	16.2	14.85	11.0	181	76	167	In	C	M 5	5.00
<b>GiV-S 12-26</b>	12	26	24.9	21.15	14.3	165	175	125	In	C	M 5	8.00
<b>GiV-S 12-33</b>	12	33	29.2	25.8	17.6	194	130	167	In	B	M 6	11.00
<b>GiV-S 12-44</b>	12	44	39.9	34.35	25.1	198	167	157	In	C	M 6	12.20

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.

Presented by:

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