



# Banner

## STAND BY BULL

### **Bloc GiV: Type GiV 06-1.2 → GiV 12-65**

Banner Stand-by Bull Bloc GiV batteries are encapsulated, valve controlled lead batteries containing electrolyte bound into a non-woven web. They are employed both in the high-voltage sector (UPS systems) and for long-term loads (safety lighting) over several hours. Recently, these batteries have been used increasingly in the leisure and household areas. In addition to a good price-performance ratio, these batteries also offer a reliable, zero-maintenance power supply.

#### 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 +45°C)
- Low self-discharge
- Compatible insert terminals from 18 Ah
- Non-hazardous according to FAA and IATA
- Employment independent of position
- Designed for a service life of 3 - 5 years in stand by operation mode
- „Standard Commercial“ 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 separator
- Casing material  
Impact-resistant ABS, bonded cover
- Electrolyte  
Extremely pure sulphuric acid bound into a non-woven 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 1.5 -2 psi (10.5-14 Kpa) gas pressure





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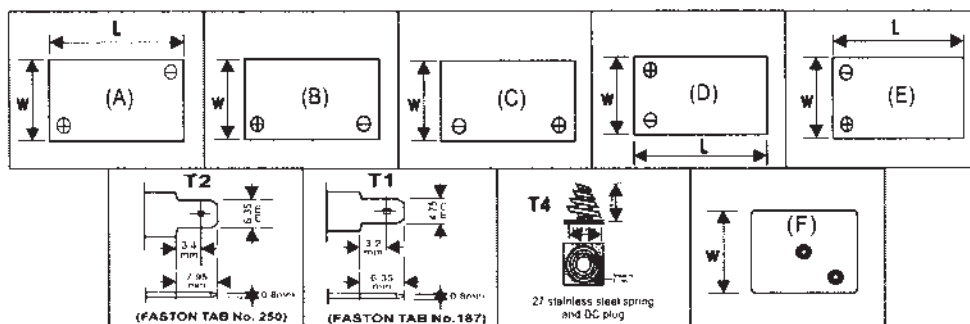
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### Technical details

Type	Rated voltage in V	Capacity in Ah				Dimensions			VdS Nr.	Terminals			Total weight kg
		C 20	C 10	C 5	C 1	Length	Width	Height*		Terminal typ	Pol	Version	
		1,80 V/Z	1,80 V/Z	1,75 V/Z	1,60 V/Z	mm	mm	mm					
GiV 06-1.2	6	1,2	1,1	1,0	0,72	97	24	57,5		T1	B	Faston 4,7	0,29
GiV 06-3.2	6	3,2	3,0	2,75	1,94	134	34	66		T1	B	Faston 4,7	0,67
GiV 06-4.5	6	4,5	4,2	3,85	2,73	70	47	106		T1	A	Faston 4,7	0,81
GiV 06-12	6	12	11,4	10,4	7,49	151	51	100		T2	B	Faston 6,4	1,80
GiV 06-20	6	20	19,1	17,5	12,6	157	83	125		8	B	M 5	3,21
GiV 12-1.2	12	1,2	1,1	1,0	0,72	97	43	58	G115038	T1	E	Faston 4,7	0,57
GiV 12-2.1	12	2,1	2,1	1,95	1,4	178	35	66	G115039	T1	B	Faston 4,7	1,0
GiV 12-2.9	12	2,9	2,7	2,45	1,76	79	56	105		T1	B	Faston 4,7	1,1
GiV 12-3.4	12	3,4	3	2,75	1,94	134	67	66,5	G115040	T1	C	Faston 4,7	1,35
GiV 12-5.4	12	5,4	5,1	4,65	3,28	90	70	107		T2	D	Faston 6,4	1,65
GiV 12-7.2	12	7,2	6,8	6,25	4,49	151	65	99	G115041	T2	D	Faston 6,4	2,5
GiV 12-12	12	12	11,4	10,4	7,49	152	98	102	G115042	T2	D	Faston 6,4	3,8
GiV 12-18	12	18	17,2	15,6	11,2	181,5	77	168	G115043	In	C	M 5	5,78
GiV 12-26	12	26	24,8	22,7	16,3	166	175	125	G115044	In	C	M 5	8
GiV 12-45	12	45	43,2	37,8	26,1	197	165	170	G115045	In	C	M 6	14,5
GiV 12-65	12	65	62,4	54,5	37,7	348	167	178	G115046	In	C	M 6	21,3

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

\*Height including connector.



### Installation

All standard types of installation, including position-independent variations, are permissible. The installation area required is small due to the high energy density. In the case of installation in battery rooms or cabinets, the safety regulations in accordance with EN 50272-2 are to be observed.

Stand-by Bull Bloc GiV batteries may only be charged using voltage-controlled chargers. The use of conventional chargers can quickly destroy the batteries.

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:

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

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THE POWER COMPANY