



Banner

TRACTION BULL BLOC GiVC

Bloc GiVC:

Banner Stand-by Bull Bloc GiVC batteries are sealed, valve-controlled lead batteries with electrolyte bound into a gel. The batteries are absolutely maintenance-free throughout their service life. Moreover, due to their robust design and high energy density, they can be employed in both cyclical operation and the small traction area. This series is unsuitable for operations lacking regular cycles. New batteries require 15-20 cycles, in order to achieve full functionality.

Features

- Bloc 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. -15°C to +50°C)
- Low self-discharge
- Compatible insert terminals from 18 Ah
- Non-hazardous according to FAA and IATA

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
- Casing material
Impact-resistant 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 1.5 -2 psi (10.5-14 Kpa) gas pressure





Banner

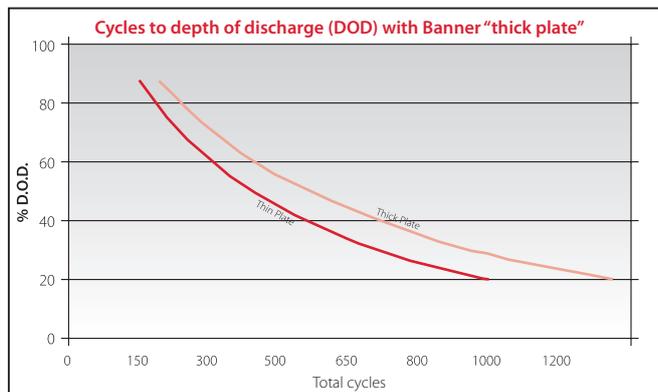
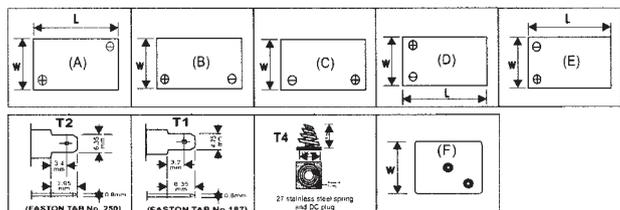
TRACTION BULL BLOC GiVC

Technical details

Type	Rated voltage in V	Capacity in Ah				Dimensions			Pol		Total weight kg
		C 20	C 10	C 5	C 3	Length	Width	Height*	Polarity	Version	
GiVC 12-7,5	12	7,5	6,9	6,1	5,6	151	65	99	D	T 1	2.50
GiVC 12-12	12	12	11	9,8	9	150	97	99	D	T 2	4.00
GiVC 12-18	12	17	15,6	13,8	12,8	181	76	167	C	M 5	5.50
GiVC 12-26	12	25	22,9	20,4	18,8	168	178	124	E	M 5	8.10
GiVC 12-33	12	29,3	28	24,7	23,3	196	131	160	B	M 6	10.30
GiVC 12-44	12	39	37	33,1	29,4	198	167	157	C	M 6	13.00
GiVC 12-65	12	68	62,2	55,4	51,1	272	165	188	C	SAE	21.70
GiVC 12-80	12	80	77,8	68,1	60,6	260	168	211	B	M 8	25.50
GivC 12-120	12	120	110	97,7	90,2	265	252	207	F	M 8	37,60
GivC 12-135	12	145	133	118	109	342	173	282	C	M 8	41.90
GivC 12-150	12	150	137	122	113	482	170	242	B	M 8	45,00

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

Connection details



Stand by Bull Bloc GiVC batteries may only be charged using voltage-controlled chargers. The use of conventional chargers can quickly destroy the batteries. The charge voltage must be adjusted to the type of application in accordance with 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.

Provided by:

A: Banner GmbH, A-4021 Linz, Banner Straße 1,
Telefon: 0732/3888-0, E-Mail: office@bannerbatterien.com

GB: Banner Batteries (GB) Ltd., Units 5-8 Canal View Business Park, Wheelhouse Road, Rugeley
UK-WS15 1UY Staffordshire, Telefon: +44/(0)1889/57 11 00, Fax: +44/(0)1889/57 73 42
E-Mail: office.bgb@bannerbatteries.com

Banner
THE POWER COMPANY