



STAND BY BULL

Banner

Bloc GiVC: Type GiVC 6-180 → GiVC 12-230

Banner Stand-by Bull Block 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

- 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. -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

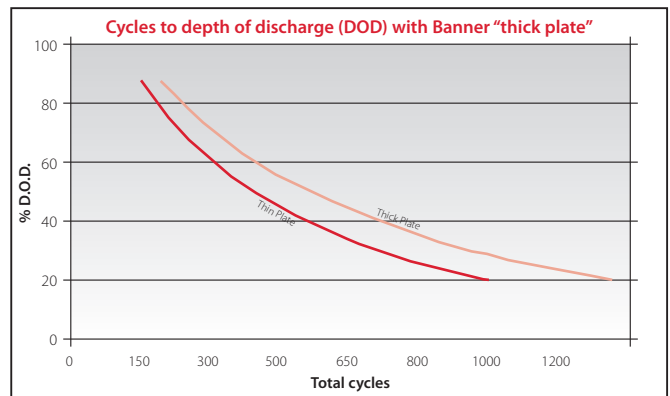
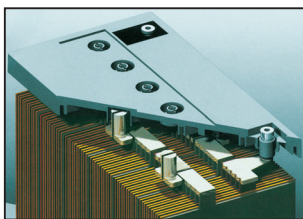
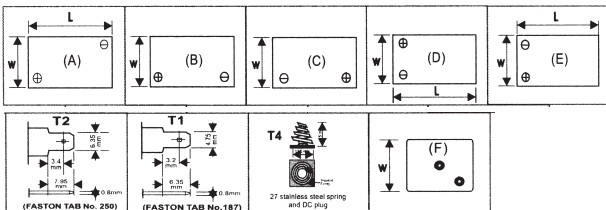


Technical details

Type	Rated voltage in V	Capacity in Ah				Dimensions			Polarity	Pol Version	Total weight kg
		C 20	C 10	C 5	C 3	Length mm	Width mm	Height* mm			
GiVC 6-180	6	180	165	147	135	260	180	250	B	M 8	30.10
GiVC 6-225	6	220	201	179	165	243	188	276	B	M 8	32.20
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 12-100	12	96	87,8	78,1	72,2	306	168	211	B	M 8	29.60
GiVC 12-110	12	104	95,8	85,9	78,7	329	173	209	B	M 8	30,90
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
GiVC 12-200	12	214	196	171	161	522	242	220	E	M 8	63,30
GiVC12-230	12	245	224	199	184	521	270	205	E	M 8	74,50

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

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.

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