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STAND BY BULL BLOC FAV

Bloc FAV: 12-40 → 12-180

Banner Stand-by Bull Bloc FAV batteries are encapsulated, valve controlled lead batteries containing electrolyte bound into a non-woven web. These block batteries are characterised by their versatility of application and zero-maintenance design.

Other advantages include their long service life, very high power density and front terminal connections. Bull Bloc FAV batteries are mainly employed in UPS systems, the telecommunications sector and for switchgear.

Features

- Block batteries, 12 V rated voltage
- Front connection
- Zero-maintenance for entire service life
- Compensation charge voltage of 2.27 V/cell
- Recommended temperature range of 20°C (max. -10°C to +40°C)
- Long service life
- ETSI 19"/23" casing dimensions
- Corrosion-resistant terminal design
- Good voltage position in the high-voltage range
- Central degassing
- Designed for a service life of 10 years + in stand by operation mode „Long Life“ after EUROBAT
- Non-hazardous item in line with FAA and IATA (pursuant to packaging regulation 806)



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 non-woven web
- Casing material
ABS, bonded cover
- Electrolyte
Extremely pure sulphuric acid bound into a 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 2 psi(14 Kpa) gas pressure
- Tests in accordance with DIN EN 60896-21 and 22



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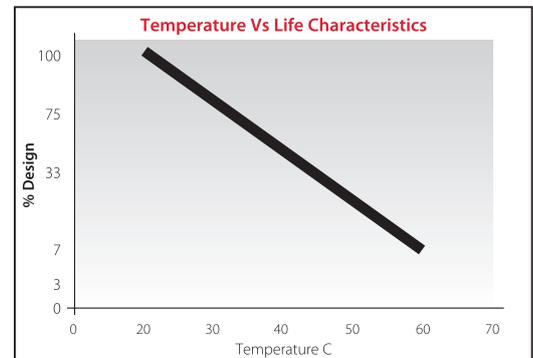
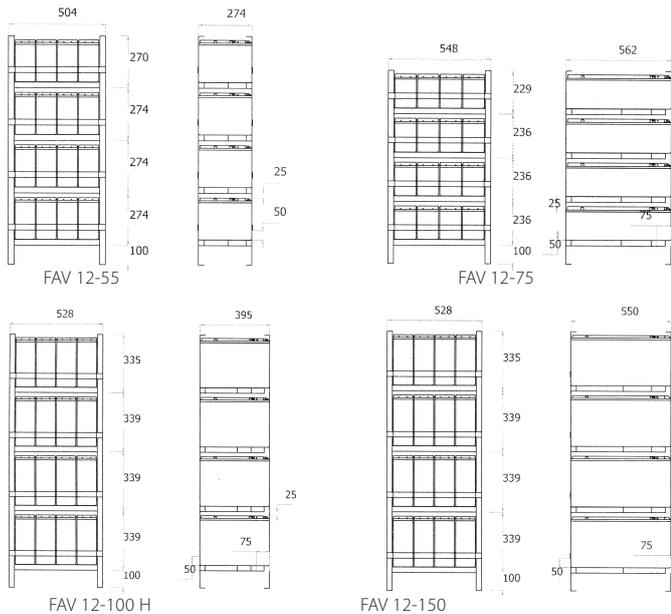
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Technical data

Type	Rated voltage in V	Capacity in Ah				Dimensions			Ri mOhm	Terminal No	Charge-voltage-max. A	Type of connection	Total weight kg
		C 24	C 10	C 5	C 1	Length mm	Width mm	Height mm					
FAV 12-40	12	43,6	41,5	37,8	27,7	106	277	222	9	2	10	M 6	15,5
FAV 12-55	12	55,6	55	50	36,7	106	277	222	6	2	15	M 6	18
FAV 12-75	12	82	75	65,5	49,5	114	564	187	5	2	20	M 6	26
FAV 12-100 H	12	109,4	100	87	63,7	110	394	286	4,3	2	30	M 6	31,5
FAV 12-125	12	136,8	125	108,5	80,1	110	551	287	3,2	2	35	M 6	41,5
FAV 12-150	12	158,1	150	130,5	95,9	110	551	287	3,0	2	40	M 6	46,4
FAV 12-180	12	189,8	180	155	114	126	560	280	2,9	2	45	M 6	51,2

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

Various installation dimensions for 48V power packs from 220-600 Ah



Installation

The blocks are suitable for position-independent installation on racks or in cabinets. On request, we supply special racks for zones subject to earthquakes, telecommunications applications and UPS systems. The safety regulations according to EN 50272-2 are to be observed, particularly those relating to ventilation. Charging must be adjusted to the voltage limits stipulated in 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.

Presented by:

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