



# Banner

## TRACTION BULL BLOC AGM deep cycle

### Bloc AGM:

Banner Traction Bull Bloc AGM batteries are valve-regulated, lead batteries for cyclical applications. As maintenance free block batteries, they are especially suited to the small traction segment.

The use of absorbent glass mat technology (microfibre nonwoven web) means that the electrolyte is bound in and therefore the batteries are maintenance-free and leak proof.

#### Applications

- Rehabilitation area
- Wheelchairs
- Camping
- Caddies
- Scooters
- Marine

#### Features

- Block batteries, 12V rated voltage
- Absolute maintenance-free throughout the life of the battery
- Low self-discharge
- High initial capacity
- Corrosion-resistant terminals
- Not classified as a hazardous item pursuant to FAA and IATA (according to Packaging Directive 806)
- Installation possible in any position

#### Design

- Positive electrode  
Lead/calcium, high performance grid with pasted in active mass
- Negative electrode  
Lead/calcium, high performance grid with pasted in active mass
- Microporous glass fibre separator
- Electrolyte  
Sulphuric acid bound into a microfibre nonwoven web
- Terminals  
Safety terminal with electrolyte-tight sealing
- Cell connections  
Internal welding through the casing wall
- Cell plugs  
Safety valve with overpressure ventilation system





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### Technical data

Type	Article No.	V	Cap. / Ah		Dimensions in mm l x b x h	Weight kg (+/-2%)	Terminal	Layout	Box
			20hr	5hr					
AGM 6V 210	040532200306	6	210	175	260 x 180 x 275	27,2	DT- 5/16	0	PP
AGM 6V 245	040532300306	6	245	198	244 x 190 x 275	32,4	M8 insert	0	ABS
AGM 6V 340	040533400306	6	340	296	295 x 180 x 346/368	48,2	DT- 3/8	0	PP
AGM 6V 390	040533900306	6	390	331	295 x 180 x 406/428	54,2	DT- 5/16	0	PP
AGM 8V 160	040531600408	8	160	135	260 x 180 x 252/274	29,3	DT- 5/16	1	PP
AGM 12-9	040530090612	12	9	7	151 x 65 x 93,5/99	2,45	Faston F2	3	ABS
AGM 12-15	040530160612	12	15	13,5	151 x 99 x 97/100	4	M5 insert	3	ABS
AGM 12-25	040530250612	12	25	22,6	181 x 77 x 170	6,5	M5 insert	0	ABS
AGM 12-35	040530350612	12	35,4	28,9	195 x 130 x 164/182	11,7	T5	1	ABS
AGM 12-51	040530510612	12	51	44	197 x 166 x 170	14,1	M6 insert	0	ABS
AGM 12-70	040530700612	12	70	59	224 x 150 x 177	16,6	M6 insert	3	ABS
AGM 12-76	040530760612	12	76	65	260 x 168 x 173/176	20	M6 insert	1	ABS
AGM 12-94	040530940612	12	94	83	259 x 168 x 208/214	25,8	M6 insert	1	ABS
AGM 12-100	040531000612	12	100	89	260 x 168 x 208/214	27	M6 insert	1	ABS
AGM 12-108	040531080612	12	108	96	306 x 168 x 208/214	27,3	M8 insert	1	ABS
AGM 12-118	040531180612	12	118	107	330 x 173 x 212/237	31,7	DT-5/16	1	ABS
AGM 12-120	040531200612	12	120	106	330 x 173 x 213/220	32,8	M8 insert	1	ABS
AGM 12-144	040531440612	12	144	126	408 x 177 x 225	39,2	M8 insert	1	ABS
AGM 12-180	040531800612	12	180	162	483 x 170 x 238,5	50,1	M8 insert	1	ABS
AGM 12-200	040532000612	12	200	172	527 x 214 x 220/244	56	DT-3/8	4	PP
AGM 12-285	040532850612	12	285	225	527 x 280 x 230/252	78,5	DT-3/8	4	PP

The stated electrical values apply for loads in a fully charged condition and an ambient temperature of 20°C

Dual terminal = automotive post and stud terminal



Block battery



Sealed



Grid plate

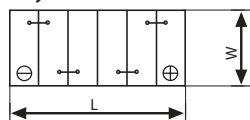


Maintenance-free  
(no water refilling)

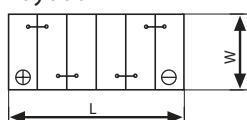


Recyclable

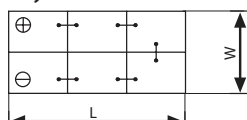
Layout 0



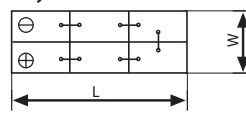
Layout 1



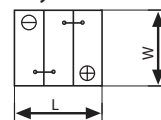
Layout 3



Layout 4



Layout 0



### Charging

Traction Bull Bloc AGM batteries may only be charged using special, voltage-regulated chargers.

Standard chargers can quickly destroy the battery.

In line with our datasheets, the charge voltage is to be adjusted in accordance with the type of application.

All the dimensions and weights listed are subject to standard production tolerances. The electrical values are approximate.

Our products are subject to ongoing further development and therefore we retain the right to make alterations without any obligation to provide notification.

Provided by:

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**Banner**  
THE POWER COMPANY