



TRACTION BULL WET

Banner

DIN/EN cells, bolted, 198 mm width

Type 2 PzS 120 10 PzS 1550

The Banner Traction Bull PzS is a lead-acid battery containing liquid electrolyte. This battery is employed wherever a long service life, great reliability, high performance and cycle resistance are required.

PzS batteries are generally recognised as being the most economic and well-proven solution for the storage of the electrical power needed by floor transport vehicles, skids and other electric vehicles with high energy/cyclical demands.

Applications

- Forklift technology
- Sweeping machines
- Lifting platforms
- Special applications (AGVs, skids)

Features

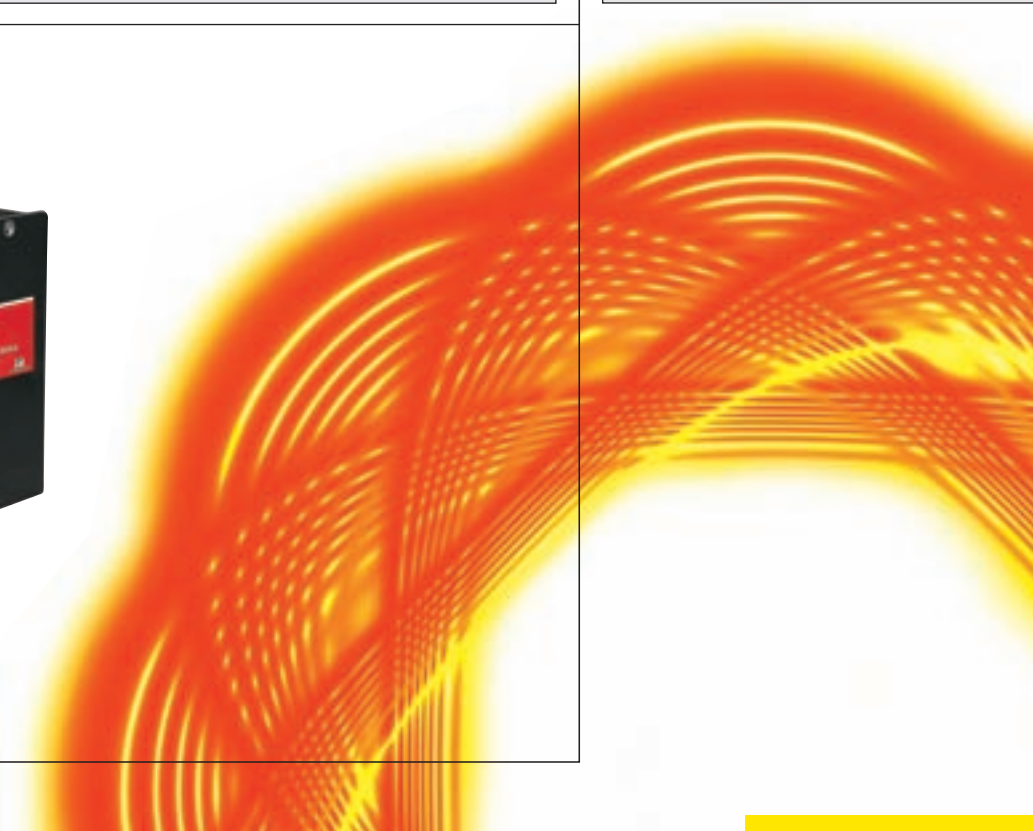
- Robust lead-acid battery technology with liquid electrolyte
- Proven tubular plate technology for high performance and reliability
- Highest design, material and processing standards (EN 60245-2, IEC 254-2)
- Great cyclical resistance

Design

- Positive tubular plates
- High capacity for long running times and battery life
- High energy density
- Full terminal and connector isolation
- Electrolyte-tight terminal design
- Isolated and maintenance free terminal screws

Options

- Electrolyte circulation
- Water refill system
- Battery controller
- Cold store version
- Explosion protection



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BOLTED DIN/EN CELL SERIES

DIN/EN cells (bolted) 198 mm width

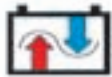
	Cell width 198 mm	Cap. Ah(C ₂₀)	Weight (kg)	Length (mm)
60 Ah*				
Height above cover 340 mm Total height 370 mm	2 PzS	120	8.4	47
	3 PzS	180	11.8	65
	4 PzS	240	15.5	83
	5 PzS	300	19.0	101
	6 PzS	360	22.5	119
	7 PzS	420	26.1	137
	8 PzS	480	29.8	155
	9 PzS	540	33.5	174
	10 PzS	600	37.8	192
	80 Ah*			
Height above cover 405 mm Total height 435 mm	2 PzS	160	9.8	47
	3 PzS	240	14.0	65
	4 PzS	320	18.1	83
	5 PzS	400	22.6	101
	6 PzS	480	26.6	119
	7 PzS	560	31.1	137
	8 PzS	640	35.2	155
	9 PzS	720	42.1	174
	10 PzS	800	46.8	192
	90 Ah*			
Height above cover 475 mm Total height 505 mm	2 PzS	180	12.0	47
	3 PzS	270	16.9	65
	4 PzS	360	21.6	83
	5 PzS	450	26.3	101
	6 PzS	540	31.1	119
	7 PzS	630	36.1	137
	8 PzS	720	40.8	155
	9 PzS	810	45.5	174
	10 PzS	900	50.3	192

	Cell width 198 mm	Cap. Ah(C ₂₀)	Weight (kg)	Length (mm)
105 Ah*				
Height above cover 511 mm Total height 541 mm	2 PzS	210	13.0	47
	3 PzS	315	18.5	65
	4 PzS	420	24.2	83
	5 PzS	525	29.8	101
	6 PzS	630	35.4	119
	7 PzS	735	41.0	137
	8 PzS	840	46.6	155
	9 PzS	945	52.2	174
	10 PzS	1050	57.8	192
	115 Ah*			
Height above cover 545 mm Total height 575 mm	2 PzS	230	13.6	47
	3 PzS	345	19.4	65
	4 PzS	460	25.2	83
	5 PzS	575	31.1	101
	6 PzS	690	36.9	119
	7 PzS	805	42.7	137
	8 PzS	920	48.6	155
	9 PzS	1035	54.3	174
	10 PzS	1150	60.2	192
	125 Ah*			
Height above cover 570 mm Total height 600 mm	2 PzS	250	14.3	47
	3 PzS	375	20.5	65
	4 PzS	500	26.9	83
	5 PzS	625	32.9	101
	6 PzS	750	39.4	119
	7 PzS	875	45.8	137
	8 PzS	1000	51.5	155
	9 PzS	1125	57.7	174
	10 PzS	1250	64.0	192

	Cell width 198 mm	Cap. Ah(C ₂₀)	Weight (kg)	Length (mm)
140 Ah*				
Height above cover 685 mm Total height 715 mm	2 PzS	280	19.1	47
	3 PzS	420	25.4	65
	4 PzS	560	32.9	83
	5 PzS	700	39.9	101
	6 PzS	840	47.2	119
	7 PzS	980	54.8	137
	8 PzS	1120	62.3	155
	9 PzS	1260	71.0	174
	10 PzS	1400	76.7	192
	155 Ah*			
Height above cover 720 mm Total height 750 mm	2 PzS	310	19.1	47
	3 PzS	465	25.6	65
	4 PzS	620	33.6	83
	5 PzS	775	42.1	101
	6 PzS	930	50.1	119
	7 PzS	1085	58.2	137
	8 PzS	1240	66.3	155
	9 PzS	1395	74.5	174
	10 PzS	1550	81.3	192

* Capacity per positive plate AH (CS) at 30°C

* Cell weight filled and charged +/- 5%



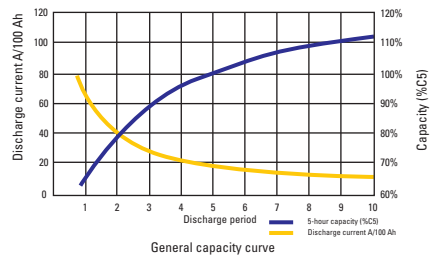
1,500 cycles accord.
to DIN/EN 60254-1,
IEC 254-1



Rated capacity
120-1550 Ah



Wet technology



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, Fax 0732/3888-21598, 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