

Vented Material Handling Essential

Technical data sheet

Technical features:

- Robust lead-acid battery technology with liquid electrolyte
- Proven tubular plate technology for long cycle life
- Fully insulated, bolted terminals and connectors
- Fully recyclable
- Recommended options: automatic watering system, electrolyte level sensor, and air agitation system for extended lifetime



Nominal capacity:
120-1550 Ah (DIN-cells)
110-1000 Ah (BS-cells)



Single cell



Tubular plate



Recyclable



1500 cycles acc. to
IEC 60254-1

Standards & certifications:

- DIN and BS sizes according to IEC 60254-2
- Manufactured in accordance with DIN EN ISO 9001
- Environmental management in accordance with DIN EN ISO 14001

Technical characteristics and data (DIN-cells width 198 mm)

Type	Nominal capacity	Length	Height		Weight**
			(l)	(h1)	
60 Ah* B	Ah	max. mm	max. mm	max. mm	kg
2 EPzS 120	120	47	333	363	8.5
3 EPzS 180	180	65	333	363	12.0
4 EPzS 240	240	83	333	363	15.4
5 EPzS 300	300	101	333	363	19.0
6 EPzS 360	360	119	333	363	22.5
7 EPzS 420	420	137	333	363	26.0
8 EPzS 480	480	155	333	363	29.5
9 EPzS 540	540	173	333	363	33.0
10 EPzS 600	600	191	333	363	36.5

Type	Nominal capacity	Length	Height		Weight**
			(l)	(h1)	
80 Ah* C	Ah	max. mm	max. mm	max. mm	kg
2 EPzS 160	160	47	396	426	10.0
3 EPzS 240	240	65	396	426	14.2
4 EPzS 320	320	83	396	426	18.4
5 EPzS 400	400	101	396	426	22.6
6 EPzS 480	480	119	396	426	26.7
7 EPzS 560	560	137	396	426	31.3
8 EPzS 640	640	155	396	426	35.1
9 EPzS 720	720	173	396	426	39.3
10 EPzS 800	800	191	396	426	43.4

90 Ah* D	Ah	max. mm	(l)	(h1)	(h2)	kg
			max. mm	max. mm	max. mm	
2 EPzS 180	180	47	463	493	11.9	
3 EPzS 270	270	65	463	493	17.0	
4 EPzS 360	360	83	463	493	22.1	
5 EPzS 450	450	101	463	493	27.1	
6 EPzS 540	540	119	463	493	32.2	
7 EPzS 630	630	137	463	493	37.2	
8 EPzS 720	720	155	463	493	42.3	
9 EPzS 810	810	173	463	493	47.4	
10 EPzS 900	900	191	463	493	52.4	

105 Ah* E	Ah	max. mm	(l)	(h1)	(h2)	kg
			max. mm	max. mm	max. mm	
2 EPzS 210	210	47	511	541	13.5	
3 EPzS 315	315	65	511	541	19.1	
4 EPzS 420	420	83	511	541	24.6	
5 EPzS 525	525	101	511	541	30.5	
6 EPzS 630	630	119	511	541	36.1	
7 EPzS 735	735	137	511	541	41.8	
8 EPzS 840	840	155	511	541	47.4	
9 EPzS 945	945	173	511	541	53.1	
10 EPzS 1050	1050	191	511	541	58.4	

* Capacity per positive plate Ah (C₂₀) at 30 °C

** Filled and charged cell weights +/- 5 %

Manufacturer: by /**MERICAS**
Exide Technologies GmbH • Im Thiergarten
63654 Büdingen, Germany

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Technical characteristics and data (DIN-cells width 198 mm)

Type	Nominal capacity	Length	Height		Weight**
			(l) max. mm	(h1) max. mm	
115 Ah* F	Ah				kg
2 EPzS 230	230	47	542	572	14.2
3 EPzS 345	345	65	542	572	20.3
4 EPzS 460	460	83	542	572	26.4
5 EPzS 575	575	101	542	572	32.4
6 EPzS 690	690	119	542	572	39.0
7 EPzS 805	805	137	542	572	44.7
8 EPzS 920	920	155	542	572	50.6
9 EPzS 1035	1035	173	542	572	56.6
10 EPzS 1150	1150	191	542	572	62.7

Type	Nominal capacity	Length	Height		Weight**
			(l) max. mm	(h1) max. mm	
125 Ah* F	Ah				kg
2 EPzS 250	250	47	573	603	15.0
3 EPzS 375	375	65	573	603	21.2
4 EPzS 500	500	83	573	603	27.4
5 EPzS 625	625	101	573	603	33.9
6 EPzS 750	750	119	573	603	40.3
7 EPzS 875	875	137	573	603	46.5
8 EPzS 1000	1000	155	573	603	53.1
9 EPzS 1125	1125	173	573	603	59.4
10 EPzS 1250	1250	191	573	603	66.0

Type	Nominal capacity	Length	Height		Weight**
			(l) max. mm	(h1) max. mm	
140 Ah* G	Ah				kg
2 EPzS 280	280	47	683	713	17.5
3 EPzS 420	420	65	683	713	24.7
4 EPzS 560	560	83	683	713	31.8
5 EPzS 700	700	101	683	713	39.3
6 EPzS 840	840	119	683	713	46.7
7 EPzS 980	980	137	683	713	53.9
8 EPzS 1120	1120	155	683	713	61.3
9 EPzS 1260	1260	173	683	713	68.6
10 EPzS 1400	1400	191	683	713	76.0

Type	Nominal capacity	Length	Height		Weight**
			(l) max. mm	(h1) max. mm	
155 Ah* G	Ah				kg
2 EPzS 310	310	47	713	743	18.9
3 EPzS 465	465	65	713	743	26.7
4 EPzS 620	620	83	713	743	34.6
5 EPzS 775	775	101	713	743	42.6
6 EPzS 930	930	119	713	743	50.5
7 EPzS 1085	1085	137	713	743	58.5
8 EPzS 1240	1240	155	713	743	66.4
9 EPzS 1395	1395	173	713	743	74.4
10 EPzS 1550	1550	191	713	743	82.4

* Capacity per positive plate Ah (C₂₀) at 30 °C

** Filled and charged cell weights +/- 5 %

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Technical characteristics and data (BS-cells width 160 mm)

Type	Nominal capacity	Length	Height		Weight**
			(l)	(h1)	
65 Ah*	Ah	max. mm	max. mm	max. mm	kg
			2 EPzB 130***	130	
3 EPzB 195***	195	62	454	487	12.5
4 EPzB 260	260	78	454	487	16.1
5 EPzB 325	325	94	454	487	19.5
6 EPzB 390	390	110	454	487	23.0
7 EPzB 455	455	126	454	487	26.5
8 EPzB 520	520	142	454	487	30.1
9 EPzB 585	585	158	454	487	33.5
10 EPzB 650	650	174	454	487	37.0

Type	Nominal capacity	Length	Height		Weight**
			(l)	(h1)	
75 Ah*	Ah	max. mm	max. mm	max. mm	kg
			2 EPzB 150***	150	
3 EPzB 225***	225	62	515	548	14.2
4 EPzB 300	300	78	515	548	18.2
5 EPzB 375	375	94	515	548	22.2
6 EPzB 450	450	110	515	548	26.2
7 EPzB 525	525	126	515	548	30.2
8 EPzB 600	600	142	515	548	34.2
9 EPzB 675	675	158	515	548	38.2
10 EPzB 750	750	174	515	548	42.2

Type	Nominal capacity	Length	Height		Weight**
			(l)	(h1)	
100 Ah*	Ah	max. mm	max. mm	max. mm	kg
			2 EPzB 200***	200	
3 EPzB 300***	300	62	606	639	16.3
4 EPzB 400	400	78	606	639	21.0
5 EPzB 500	500	94	606	639	25.7
6 EPzB 600	600	110	606	639	30.4
7 EPzB 700	700	126	606	639	35.2
8 EPzB 800	800	142	606	639	40.2
9 EPzB 900	900	158	606	639	45.0
10 EPzB 1000	1000	174	606	639	49.7

* Capacity per positive plate Ah (C_{20}) at 30 °C

** Filled and charged cell weights +/- 5 %

*** Air agitation system and electrolyte level sensor are not available for these cells

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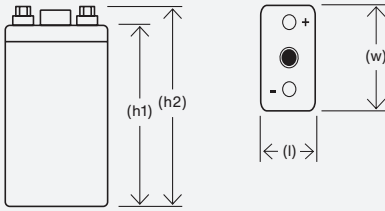
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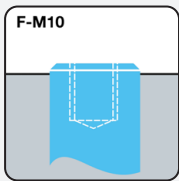
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Drawings, terminal and torque



h1 = height above cell lid
h2 = height above pole (incl. connector and pole screw)

Not to scale!



23 Nm

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