

TAB 



TAB-EX

Traction cells **FOR EX ZONES**

BS**STANDARD CHARACTERISTIC DATA****23Ah/plate**

[h1 = 216, h2 = 240 mm | length = b = 157,5 mm]

CELL TYPE	TAB DESIGNATION	CAPACITY 5 h	WIDTH mm	WEIGHT with acid	WEIGHT dry
2 PzB 46 E	2 Pgi 135	46	45	3,7	3,0
3 PzB 69 E	3 Pgi 135	69	61	5,4	4,2
4 PzB 92 E	4 Pgi 135	92	77	6,9	5,4
5 PzB 115 E	5 Pgi 135	115	93	8,4	6,6
6 PzB 138 E	6 Pgi 135	138	109	10,0	7,8
7 PzB 161 E	7 Pgi 135	161	125	11,6	9,0
8 PzB 184 E	8 Pgi 135	184	141	13,2	10,2

32Ah/plate

[h1 = 260, h2 = 284 mm | length = b = 157,5 mm]

CELL TYPE	TAB DESIGNATION	CAPACITY 5 h	WIDTH mm	WEIGHT with acid	WEIGHT dry
2 PzB 64 E	2 Pgi 190	64	45	5,1	4,0
3 PzB 96 E	3 Pgi 190	96	61	7,1	5,6
4 PzB 128 E	4 Pgi 190	128	77	9,2	7,2
5 PzB 160 E	5 Pgi 190	160	93	11,3	8,8
6 PzB 192 E	6 Pgi 190	192	109	13,2	10,3
7 PzB 224 E	7 Pgi 190	224	125	15,0	11,7
8 PzB 256 E	8 Pgi 190	256	141	16,8	13,1

42Ah/plate

[h1 = 326, h2 = 350 mm | length = b = 157,5 mm]

CELL TYPE	TAB DESIGNATION	CAPACITY 5 h	WIDTH mm	WEIGHT with acid	WEIGHT dry
2 PzB 84 E	2 Pgi 250	84	45	6,9	5,4
3 PzB 126 E	3 Pgi 250	126	61	9,4	7,3
4 PzB 168 E	4 Pgi 250	168	77	11,9	9,3
5 PzB 210 E	5 Pgi 250	210	93	14,5	11,3
6 PzB 252 E	6 Pgi 250	252	109	17,3	13,5
7 PzB 294 E	7 Pgi 250	294	125	20,0	15,6
8 PzB 336 E	8 Pgi 250	336	141	22,3	17,6

55Ah/plate

[h1 = 399, h2 = 423 mm | length = b = 157,5 mm]

CELL TYPE	TAB DESIGNATION	CAPACITY 5 h	WIDTH mm	WEIGHT with acid	WEIGHT dry
2 PzB 110 E	2 Pgi 310	110	45	7,6	6,1
3 PzB 165 E	3 Pgi 310	165	61	10,5	8,5
4 PzB 220 E	4 Pgi 310	220	77	13,5	11,0
5 PzB 275 E	5 Pgi 310	275	93	16,5	13,5
6 PzB 330 E	6 Pgi 310	330	109	19,6	15,9
7 PzB 385 E	7 Pgi 310	385	125	22,6	18,4
8 PzB 440 E	8 Pgi 310	440	141	25,6	20,8

65Ah/plate

[h1 = 453, h2 = 477 mm | length = b = 157,5 mm]

CELL TYPE	TAB DESIGNATION	CAPACITY 5 h	WIDTH mm	WEIGHT with acid	WEIGHT dry
2 PzB 130 E	2 Pgi 360	130	45	8,2	6,8
3 PzB 195 E	3 Pgi 360	195	61	12,0	10,1
4 PzB 260 E	4 Pgi 360	260	77	15,5	13,0
5 PzB 325 E	5 Pgi 360	325	93	19,0	16,0
6 PzB 390 E	6 Pgi 360	390	109	22,6	18,9
7 PzB 455 E	7 Pgi 360	455	125	26,1	21,8
8 PzB 520 E	8 Pgi 360	520	141	29,6	24,5

75Ah/plate

[h1 = 513, h2 = 537 mm | length = b = 157,5 mm]

CELL TYPE	TAB DESIGNATION	CAPACITY 5 h	WIDTH mm	WEIGHT with acid	WEIGHT dry
2 PzB 150 E	2 Pgi 413	150	45	10,0	7,5
3 PzB 225 E	3 Pgi 413	225	61	13,9	10,8
4 PzB 300 E	4 Pgi 413	300	77	17,8	14,1
5 PzB 375 E	5 Pgi 413	375	93	21,6	17,5
6 PzB 450 E	6 Pgi 413	450	109	25,6	20,9
7 PzB 525 E	7 Pgi 413	525	125	29,6	24,1
8 PzB 600 E	8 Pgi 413	600	141	33,5	27,4

86Ah/plate

[h1 = 567, h2 = 591 mm | length = b = 157,5 mm]

CELL TYPE	TAB DESIGNATION	CAPACITY 5 h	WIDTH mm	WEIGHT with acid	WEIGHT dry
2 PzB 172 E	2 Pgi 450	172	45	10,7	8,3
3 PzB 258 E	3 Pgi 450	258	61	15,0	11,8
4 PzB 344 E	4 Pgi 450	344	77	19,3	15,2
5 PzB 430 E	5 Pgi 450	430	93	23,7	18,6
6 PzB 516 E	6 Pgi 450	516	109	28,1	22,0
7 PzB 602 E	7 Pgi 450	602	125	32,6	25,4
8 PzB 688 E	8 Pgi 450	688	141	37,1	28,8

100Ah/plate

[h1 = 604, h2 = 628 mm | length = b = 157,5 mm]

CELL TYPE	TAB DESIGNATION	CAPACITY 5 h	WIDTH mm	WEIGHT with acid	WEIGHT dry
2 PzB 200 E	2 Pgi 492	200	45	11,8	9,4
3 PzB 300 E	3 Pgi 492	300	61	16,6	13,5
4 PzB 400 E	4 Pgi 492	400	77	21,5	17,5
5 PzB 500 E	5 Pgi 492	500	93	26,4	21,6
6 PzB 600 E	6 Pgi 492	600	109	31,5	25,6
7 PzB 700 E	7 Pgi 492	700	125	36,4	29,7
8 PzB 800 E	8 Pgi 492	800	141	41,4	33,7

108Ah/plate

[h1 = 688, h2 = 712 mm | length = b = 157,5 mm]

CELL TYPE	TAB DESIGNATION	CAPACITY 5 h	WIDTH mm	WEIGHT with acid	WEIGHT dry
2 PzB 216 E	2 Pgi 530	216	45	13,5	9,9
3 PzB 324 E	3 Pgi 530	324	61	18,9	14,3
4 PzB 432 E	4 Pgi 530	432	77	24,3	18,7
5 PzB 540 E	5 Pgi 530	540	93	29,7	23,2
6 PzB 648 E	6 Pgi 530	648	109	35,1	27,6
7 PzB 756 E	7 Pgi 530	756	125	40,5	32,1
8 PzB 864 E	8 Pgi 530	864	141	45,9	36,5

Electrolyte density by 30 °C : 1,29 ± 0,01 kg/l.

Weight tolerance is ± 5 %.

Screwed cells with 4 poles are signed with *.

PzVB**STANDARD CHARACTERISTIC DATA****61Ah/plate**

[h1 = 472, h2 = 486 mm | length = b = 157,5 mm]

CELL TYPE	CAPACITY Ah (C5) at 30 °C	WIDTH mm	WEIGHT kg
2 PzVB 122	122	45	9,7
3 PzVB 183	183	61	13,5
4 PzVB 244	244	77	16,9

71Ah/plate

[h1 = 516, h2 = 530 mm | length = b = 157,5 mm]

CELL TYPE	CAPACITY Ah (C5) at 30 °C	WIDTH mm	WEIGHT kg
2 PzVB 142	142	45	10,6
3 PzVB 213	213	61	14,8
4 PzVB 284	284	77	18,5

85Ah/plate

[h1 = 611, h2 = 625 mm | length = b = 157,5 mm]

CELL TYPE	CAPACITY Ah (C5) at 30 °C	WIDTH mm	WEIGHT kg
2 PzVB 170	170	45	11,8
3 PzVB 255	255	61	16,1
4 PzVB 340	340	77	20,7

PzV**STANDARD CHARACTERISTIC DATA****55Ah/plate**

[h1 = 340, h2 = 350 mm | length = b = 198 mm]

CELL TYPE	CAPACITY Ah (C5) at 30 °C	WIDTH mm	WEIGHT kg
2 EPzV 110	110	45	9,3
3 EPzV 165	165	63	12,7
4 EPzV 220	220	81	16,5
5 EPzV 275	275	99	20,1
6 EPzV 330	330	118	23,8

70Ah/plate

[h1 = 402, h2 = 412 mm | length = b = 198 mm]

CELL TYPE	CAPACITY Ah (C5) at 30 °C	WIDTH mm	WEIGHT kg
2 EPzV 140	140	45	10,8
3 EPzV 210	210	63	15,5
4 EPzV 280	280	81	19,7
5 EPzV 350	350	99	24,2
6 EPzV 420	420	118	29,1

80Ah/plate

[h1 = 472, h2 = 482 mm | length = b = 198 mm]

CELL TYPE	CAPACITY Ah (C5) at 30 °C	WIDTH mm	WEIGHT kg
2 EPzV 160	160	47	12,7
3 EPzV 240	240	65	18,1
4 EPzV 320	320	83	23,6
5 EPzV 400	400	101	29,0
6 EPzV 480	480	119	35,0

100Ah/plate

[h1 = 563, h2 = 573 mm | length = b = 198 mm]

CELL TYPE	CAPACITY Ah (C5) at 30 °C	WIDTH mm	WEIGHT kg
2 EPzV 200	200	47	14,7
3 EPzV 300	300	65	21,6
4 EPzV 400	400	83	27,8
5 EPzV 500	500	101	34,3
6 EPzV 600	600	119	40,6

120Ah/plate

[h1 = 720, h2 = 730 mm | length = b = 198 mm]

CELL TYPE	CAPACITY Ah (C5) at 30 °C	WIDTH mm	WEIGHT kg
2 EPzV 240	240	47	19,7
3 EPzV 360	360	65	27,4
4 EPzV 480	480	83	35,3
5 EPzV 600	600	101	42,1
6 EPzV 720	720	119	50,0



APPLICATION FIELD

Assembly of ex batteries operating in various applications:

- + MINING
- + PETROCHEMISTRY
- + CHEMISTRY
- + PHARMACY
- + STORAGE DEPOTS

TAB-EX Traction cells complying with traction battery standards EN/IEC 60254-1 and 60254-2 are component certified for assembly of batteries used in Zone areas with risks of explosion due to flammable gas or dust:

Group I Category M2:

Ex e I Mb

Group II Category 2 and 3:

Zone 1 and 2 (Gas), 21 and 22 (Dust):

Ex e IIC Gb

Ex t IIIC Db IP 64

THE CELLS ARE PRODUCED IN ACCORDANCE WITH THE DIRECTIVE 94/9/EC IN IECEX CERTIFICATION SCHEME AND FULFILL THE APPLICABLE REQUIREMENTS OF DIRECTIVE HARMONIZED STANDARDS EN/IEC 60079-0 AND 60079-7.



CERTIFICATES

Traction batteries:
EPzS, EPzV, PzB and PzBV

ATEX Certificate:
Sira 10ATEX3255U
SIQ 11 ATEX Q 327-0

IECEX Certificate:
IECEX SIR 11.0157U



sira
CERTIFICATION



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