

Tractioner Battery with excellent price-performance ratio



Spacegate tractioner battery areas of use

- Cleaning machines
- Golf carts and power tools
- Access platforms
- Boats, caravans and everyday uses





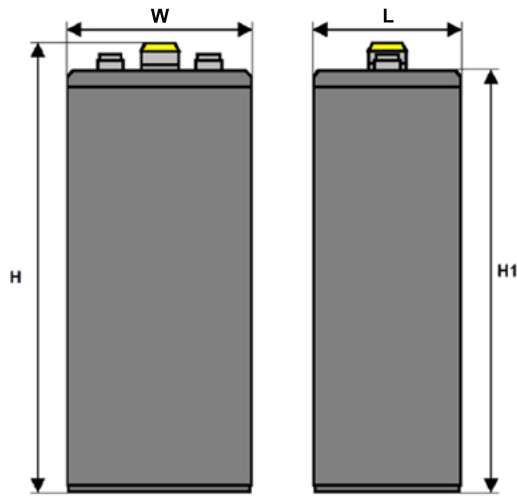


Batteries in the PzS DIN range has the highest levels of reliability and has been used in all type forklift.

Our PzS range offers high cycle consistency 1500 cycles.

MAIN FEATURES

- Capacity range: 110Ah ÷ 1550Ah- (C5 Ue=1.70V/cell @ +30°C),
- Dimensions and electrical data accordance to
- EN 60254 (IEC 254), DIN 43531, 43535, 43536 standard,
- Service life: 1500 cycles DOD 80%,
- High reliability,
- Low maintenance,
- Battery can be equipped with
 - Battery Filling Systems,
 - Electrolyte Stirring System.



CELL TYPE	Ah (C5)	CELL DIMENSIONS (mm)				WEIGHT (Kg) +/-5%	
		L	W	H1	H	DRY	WET
2 PzS 120	120	47	198	340	370	6,8	8,6
3 PzS 180	180	65	198	340	370	9,5	12,2
4 PzS 240	240	83	198	340	370	12,2	15,7
5 PzS 300	300	101	198	340	370	14,9	19,3
6 PzS 360	360	119	198	340	370	17,6	22,8
7 PzS 420	420	137	198	340	370	20,3	26,1
8 PzS 480	480	155	198	340	370	23,1	29,7
9 PzS 540	540	173	198	340	370	25,8	33,1
10 PzS 600	600	191	198	340	370	28,5	37,0

CELL TYPE	Ah (C5)	CELL DIMENSIONS (mm)				WEIGHT (Kg) +/-5%	
		L	W	H1	H	DRY	WET
2 PzS 230	230	47	198	545	575	11,6	14,7
3 PzS 345	345	65	198	545	575	16,2	20,7
4 PzS 460	460	83	198	545	575	20,0	26,7
5 PzS 575	575	101	198	545	575	25,5	32,6
6 PzS 690	690	119	198	545	575	30,1	38,9
7 PzS 805	805	137	198	545	575	34,8	44,5
8 PzS 920	920	155	198	545	575	39,4	50,4
9 PzS 1035	1035	173	198	545	575	44,0	56,6
10 PzS 1150	1150	191	198	545	575	48,7	62,5

CELL TYPE	Ah (C5)	CELL DIMENSIONS (mm)				WEIGHT (Kg) +/-5%	
		L	W	H1	H	DRY	WET
2 PzS 160	106	47	198	405	435	8,4	10,5
3 PzS 240	240	65	198	405	435	11,7	14,7
4 PzS 320	320	83	198	405	435	15,0	19,1
5 PzS 400	400	101	198	405	435	18,4	23,2
6 PzS 480	480	119	198	405	435	21,7	27,6
7 PzS 560	550	137	198	405	435	25,1	31,8
8 PzS 640	640	155	198	405	435	28,4	35,8
9 PzS 720	720	173	198	405	435	31,8	40,1
10 PzS 800	800	191	198	405	435	35,1	44,2

CELL TYPE	Ah (C5)	CELL DIMENSIONS (mm)				WEIGHT (Kg) +/-5%	
		L	W	H1	H	DRY	WET
2 PzS 250	250	47	198	570	600	12,5	15,6
3 PzS 375	375	65	198	570	600	17,5	22,3
4 PzS 500	500	83	198	570	600	22,5	28,5
5 PzS 625	625	101	198	570	600	27,5	34,8
6 PzS 750	750	119	198	570	600	32,5	41,5
7 PzS 875	875	137	198	570	600	37,4	47,7
8 PzS 1000	1000	155	198	570	600	42,4	54,2
9 PzS 1125	1125	173	198	570	600	47,4	60,1
10 PzS 1250	1250	191	198	570	600	52,4	66,6

CELL TYPE	Ah (C5)	CELL DIMENSIONS (mm)				WEIGHT (Kg) +/-5%	
		L	W	H1	H	DRY	WET
2 PzS 180	180	47	198	470	500	9,3	12,0
3 PzS 270	270	65	198	470	500	13,0	17,1
4 PzS 360	360	83	198	470	500	16,7	21,7
5 PzS 450	450	101	198	470	500	20,4	26,2
6 PzS 540	540	119	198	470	500	24,1	31,2
7 PzS 630	630	137	198	470	500	27,8	36,1
8 PzS 720	720	155	198	470	500	31,5	40,8
9 PzS 810	810	173	198	470	500	35,2	45,7
10 PzS 900	900	191	198	470	500	38,9	50,1

CELL TYPE	Ah (C5)	CELL DIMENSIONS (mm)				WEIGHT (Kg) +/-5%	
		L	W	H1	H	DRY	WET
2 PzS 280	280	47	198	685	725	14,8	18,5
3 PzS 420	420	65	198	685	715	20,7	26,3
4 PzS 560	560	83	198	685	715	26,6	34,3
5 PzS 700	700	101	198	685	715	32,5	41,7
6 PzS 840	840	119	198	682	715	38,5	49,2
7 PzS 980	980	137	198	685	715	44,4	56,9
8 PzS 1120	1120	155	198	682	715	50,3	64,4
9 PzS 1260	1260	173	198	682	715	46,2	71,5
10 PzS 1400	1400	191	198	685	715	62,1	80,2

CELL TYPE	Ah (C5)	CELL DIMENSIONS (mm)				WEIGHT (Kg) +/-5%	
		L	W	H1	H	DRY	WET
2 PzS 210	210	47	198	511	541	10,8	13,5
3 PzS 315	315	65	198	511	541	15,1	19,2
4 PzS 420	420	83	198	511	541	19,4	24,6
5 PzS 525	525	101	198	511	541	23,7	30,1
6 PzS 630	630	119	198	511	541	28,0	35,6
7 PzS 735	735	137	198	511	541	32,3	41,1
8 PzS 840	840	155	198	511	541	36,6	46,6
9 PzS 945	945	173	198	511	541	40,9	52,5
10 PzS 1050	1050	191	198	511	541	45,2	57,7

CELL TYPE	Ah (C5)	CELL DIMENSIONS (mm)				WEIGHT (Kg) +/-5%	
		L	W	H1	H	DRY	WET
2 PzS 310	310	47	198	720	750	15,2	19,3
3 PzS 465	465	65	198	720	750	21,3	27,6
4 PzS 620	620	83	198	720	750	27,4	35,8
5 PzS 775	775	101	198	720	750	33,5	43,6
6 PzS 930	930	119	198	720	750	39,6	51,5
7 PzS 1085	1085	137	198	720	750	45,7	59,4
8 PzS 1240	1240	155	198	720	750	51,8	67,3
9 PzS 1395	1395	173	198	720	750	57,9	75,6
10 PzS 1550	1550	191	198	720	750	64,0	83,9

CELL TYPE	Ah (C5)	CELL DIMENSIONS (mm)				WEIGHT (Kg) +/-5%	
		L	W	H1	H	DRY	WET
2 PzB 84	84	45	158	328	358	5,3	6,3
3 PzB 126	126	61	158	328	258	7,4	8,9
4 PzB 168	168	77	158	328	358	9,5	1,6
5 PzB 210	210	93	158	328	358	11,6	14,1
6 PzB 252	252	109	158	328	358	13,7	16,5
7 PzB 294	294	125	158	328	358	15,8	19,1
8 PzB 336	336	141	158	328	358	17,9	21,6
9 PzB 378	378	157	158	328	358	20,0	24,3
10 PzB 420	420	173	158	328	358	22,2	27,1

CELL TYPE	Ah (C5)	CELL DIMENSIONS (mm)				WEIGHT (Kg) +/-5%	
		L	W	H1	H	DRY	WET
2 PzB 172	172	45	158	567	597	9,5	11,3
3 PzB 258	258	61	158	567	597	13,3	15,8
4 PzB 344	344	77	158	567	597	17,1	20,7
5 PzB 430	430	93	158	567	597	20,9	25,3
6 PzB 516	516	109	158	567	597	24,7	30,0
7 PzB 602	602	125	158	567	597	28,5	34,5
8 PzB 688	688	141	158	567	597	32,3	39,1
9 PzB 774	774	157	158	567	597	36,1	43,8
10 PzB 860	860	173	158	567	597	39,9	48,3

CELL TYPE	Ah (C5)	CELL DIMENSIONS (mm)				WEIGHT (Kg) +/-5%	
		L	W	H1	H	DRY	WET
2 PzB 110	110	45	158	398	428	6,6	7,8
3 PzB 165	165	61	158	398	428	9,2	11,0
4 PzB 220	220	77	158	398	428	11,9	14,0
5 PzB 275	275	93	158	398	428	14,5	17,6
6 PzB 330	330	109	158	398	428	17,1	20,8
7 PzB 385	385	125	158	398	428	19,8	24,1
8 PzB 440	440	141	158	398	428	22,4	27,3
9 PzB 495	495	157	158	398	428	25,1	30,7
10 PzB 550	550	173	158	398	428	27,7	33,9

CELL TYPE	Ah (C5)	CELL DIMENSIONS (mm)				WEIGHT (Kg) +/-5%	
		L	W	H1	H	DRY	WET
2 PzB 200	200	45	158	603	633	10,9	12,9
3 PzB 300	300	61	158	603	633	15,2	18,1
4 PzB 400	400	77	158	603	633	19,6	23,9
5 PzB 500	500	93	158	603	633	24,0	29,2
6 PzB 600	600	109	158	603	633	28,3	34,4
7 PzB 700	700	125	158	603	633	32,7	39,8
8 PzB 800	800	141	158	603	633	37,0	45,2
9 PzB 900	900	157	158	603	633	41,4	50,5
10 PzB 1000	1000	173	158	603	633	45,7	55,8

CELL TYPE	Ah (C5)	CELL DIMENSIONS (mm)				WEIGHT (Kg) +/-5%	
		L	W	H1	H	DRY	WET
2 PzB 130	130	45	158	454	484	7,8	9,5
3 PzB 195	195	61	158	454	484	11,0	13,3
4 PzB 260	260	77	158	454	484	14,1	16,6
5 PzB 325	325	93	158	454	484	17,2	20,2
6 PzB 390	390	109	158	454	484	20,4	24,0
7 PzB 455	455	125	158	454	484	23,5	27,7
8 PzB 520	520	141	158	454	484	26,7	31,5
9 PzB 585	585	157	158	454	484	29,8	35,2
10 PzB 650	650	173	158	454	484	32,9	39,1

CELL TYPE	Ah (C5)	CELL DIMENSIONS (mm)				WEIGHT (Kg) +/-5%	
		L	W	H1	H	DRY	WET
2 PzB 210	210	45	158	683	713	11,6	14,1
3 PzB 315	315	61	158	683	713	16,2	19,6
4 PzB 420	420	77	158	683	713	20,9	25,1
5 PzB 525	525	93	158	683	713	25,5	30,8
6 PzB 630	630	109	158	683	713	30,1	36,2
7 PzB 735	735	125	158	683	713	34,8	42,5
8 PzB 840	840	141	158	683	713	39,4	48,3
9 PzB 945	945	157	158	683	713	44,1	54,1
10 PzB 1050	1050	173	158	683	713	48,7	61,0

CELL TYPE	Ah (C5)	CELL DIMENSIONS (mm)				WEIGHT (Kg) +/-5%	
		L	W	H1	H	DRY	WET
2 PzB 150	150	45	158	511	541	8,4	10,2
3 PzB 225	225	61	158	511	541	11,7	13,9
4 PzB 300	300	77	158	511	541	15,1	18,0
5 PzB 375	375	93	158	511	541	18,4	21,9
6 PzB 450	450	109	158	511	541	21,8	25,8
7 PzB 525	525	125	158	511	541	25,1	29,9
8 PzB 600	600	141	158	511	541	28,5	33,9
9 PzB 675	675	157	158	511	541	31,8	37,9
10 PzB 750	750	173	158	511	541	35,2	42,0

INSTRUCTIONS FOR USE



Follow instructions

Pay attention to the operation instruction and fix them close to the battery.



Use protective clothes

Use protective glasses and clothes when working on batteries. Pay attention to the accident prevention rules as well as EN 50272-3 and EN 50110-1.



Specialty equipment

Work on batteries to be carried out by skilled personnel only!



Specialty equipment

Dangerous electrical voltage!



Risk of fire, explosion, or burns

Do not disassemble, heat above 60°C, or incinerate. Avoid any short circuit. Metallic parts under voltage on the battery, do not place tools or items on top of the battery



Chemical hazard

Risk of chemical burns by the electrolyte Sulfuric acid can cause blindness or severe burns. Flush eyes and affected body parts with water. Get medical help fast.



Ignition hazard

Risk of explosion or fire No smoking, open flames, sparks and electrostatic discharges near the battery.
Do not use dry rags or feather dusters for cleaning.



Case crazing hazard

Risk of battery case damage by chemicals Do not use chemicals, sprays or similar to clean the battery. Use water damp cloth only.



Environmental hazard

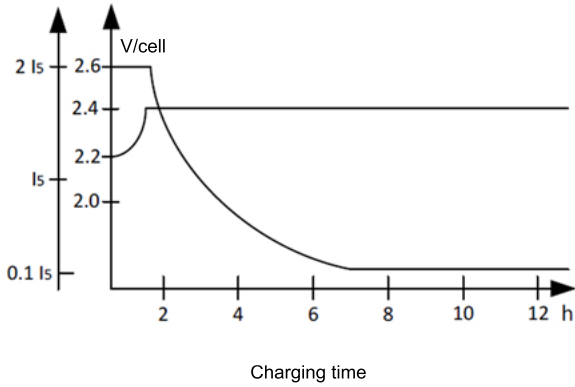
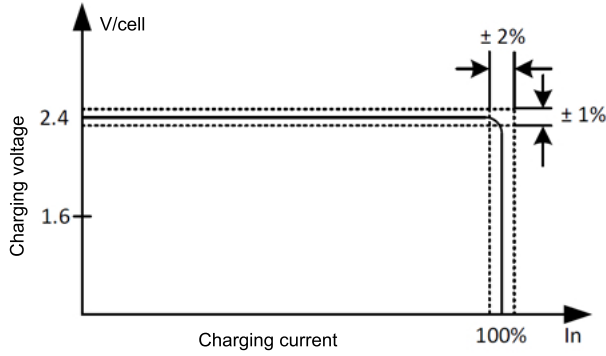
Risk of lead contamination. Dispose spent batteries properly with the help of your supplier. Do not throw them into garbage.

Ignoring the operation instructions, repair with non-original parts or using additives for the electrolyte will render the warranty void.

Charging characteristic

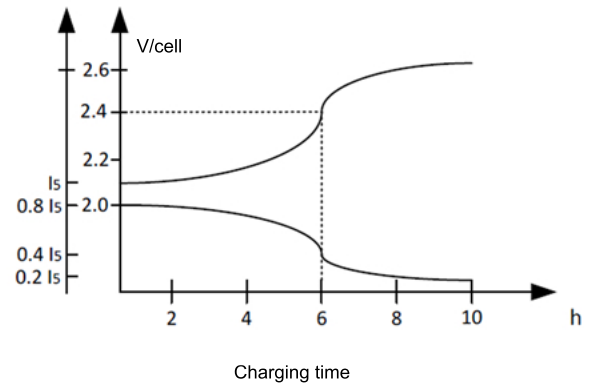
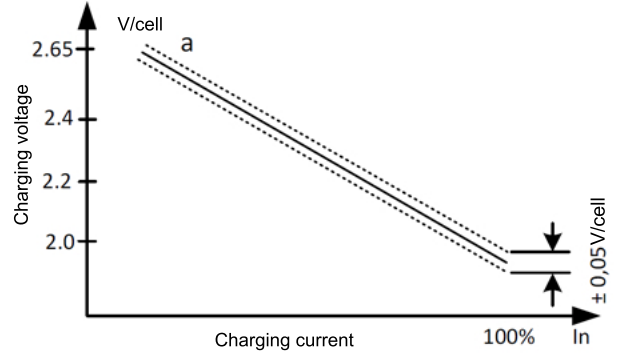
IU characteristic

Charging time 10h DOD 80%



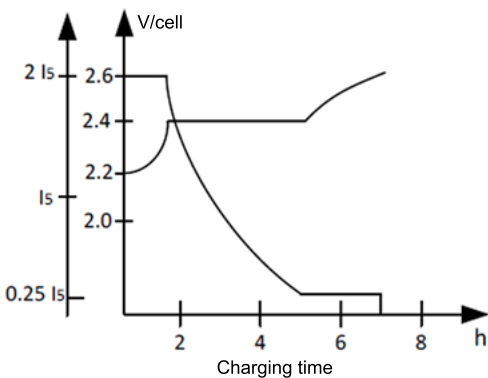
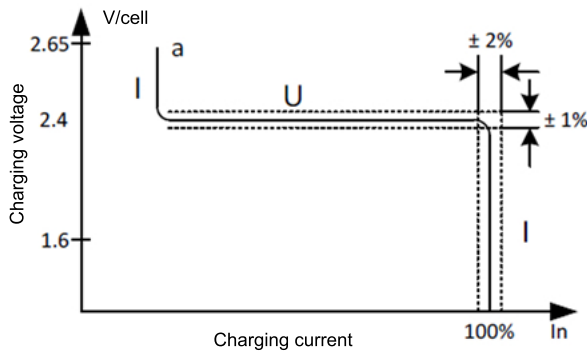
Wa characteristic

Charging time 10 ÷ 14h DOD 80%



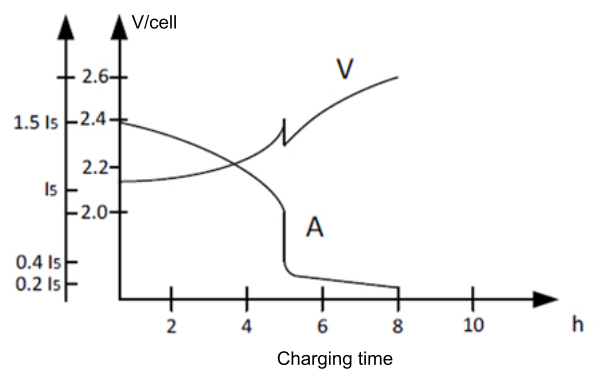
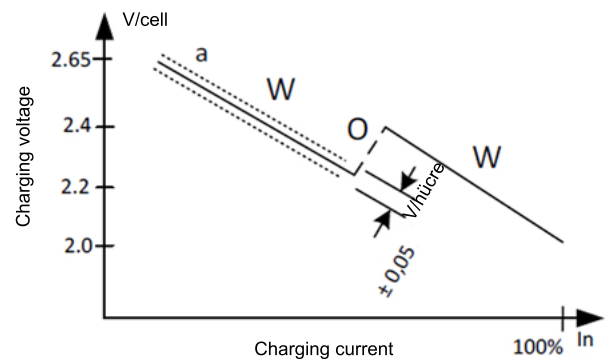
IUIa characteristic.

Charging time 8 ÷ 10h DOD 80% DOD



WOWa characteristic

Charging time 7 ÷ 9h DOD 80%



SPACE GATE

Tractioner Battery
with excellent price-performance ratio



Egemenlik Mah. 6016/8. Sok. No:14/1
Işıkkent Bornova/İZMİR

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