

FAAM



MOTIVE POWER

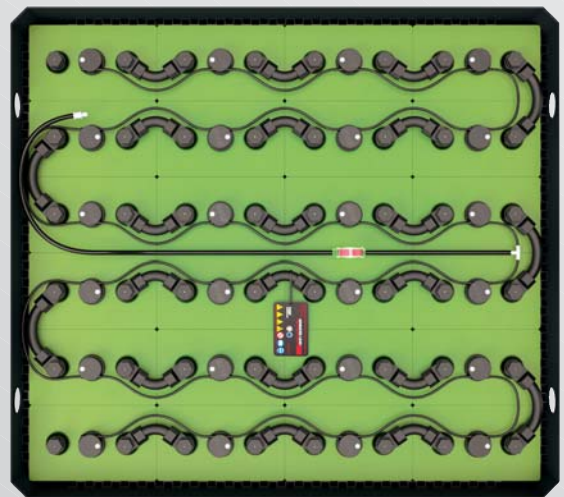
Advanced Lead Technology
Lithium Technology



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TOP ENDURANCE



Features and benefits

Multi-Shift Application



High Energy



High Power



Heavy Duty Application



Extreme Temperature



High Life Cycles



Electrolyte Circulation



OPTIONAL

High Efficiency



Low Maintenance



Green Battery



High Safety and Reliability



TCO Saving



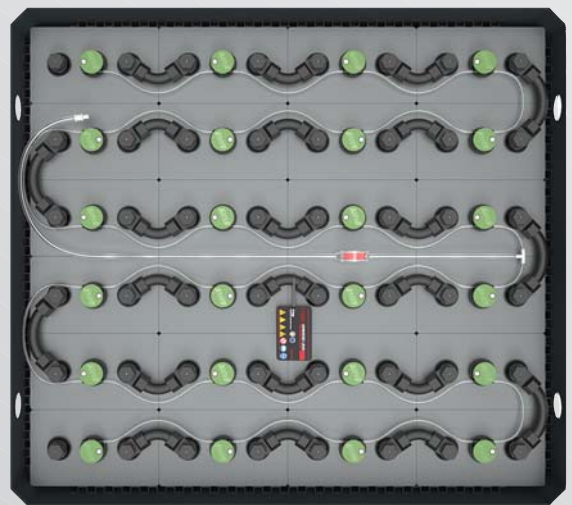
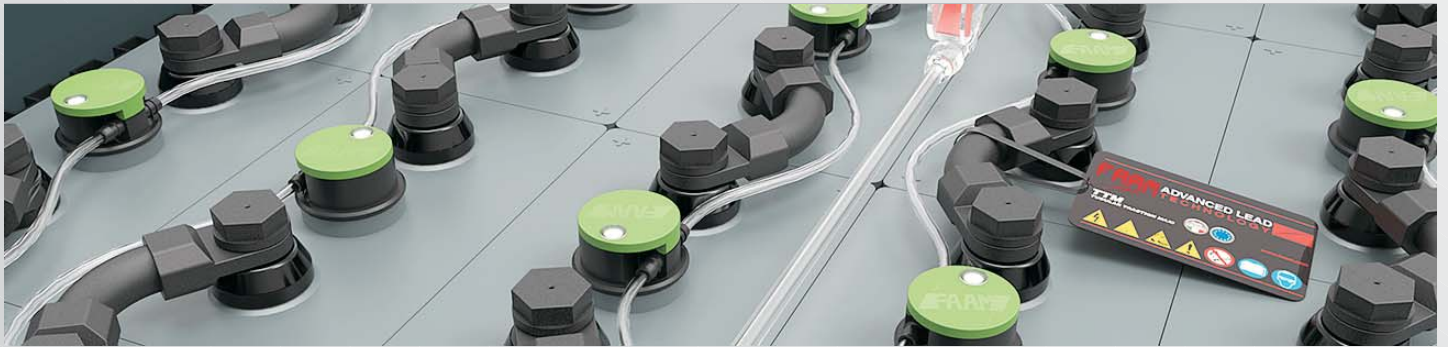
Fast Charging





TTM

TUBULAR TRACTION MAXI



Features and benefits

<p>High Power</p> <p>● ● ●</p>	<p>High Safety and Reliability</p> <p>● ● ●</p>	<p>Multi-Shift Application</p> <p>● ●</p>	<p>High Energy</p> <p>● ●</p>	<p>Heavy Duty Application</p> <p>● ●</p>	<p>Extreme Temperature</p> <p>● ●</p>	<p>Electrolyte Circulation</p> <p>OPTIONAL</p>
<p>High Life Cycles</p> <p>● ●</p>	<p>High Efficiency</p> <p>● ●</p>	<p>Low Maintenance</p> <p>● ●</p>	<p>Green Battery</p> <p>● ●</p>	<p>TCO Saving</p> <p>● ●</p>	<p>Fast Charging</p> <p>●</p>	



The TOP and TTM ranges are designed and manufactured to obtain higher performance than standard batteries conforming to DIN regulation standards. These batteries have been improved in areas such as raw materials used, the design and the production process in order to maximize the electrochemical and mechanical features. The increasingly high energy demand of customers, the rise in the required operating life, energy saving demands and need to reduce operating costs have been the drivers for the design and production changes implemented for these two new ranges of batteries

5 MAINS ADVANTAGES

TOP ENDURANCE

ADVANCED LEAD TECHNOLOGY



Long Life: 1820 cycles (IEC)
instead of 1250-1500



More daily work:
up to + 45 minutes/shift



Energy Saving:
up to 12% only TOP battery
up to 30% Battery Pack FAAM



Water Less: up to 65 cycles (DOD80%)
without refilling



TCO Saving B.E.P. 14 Months

TTM TUBULAR TRACTION MAXI

ADVANCED LEAD TECHNOLOGY



Long Life: 1600 cycles (IEC)
instead of 1250-1500



More daily work:
up to + 20 minutes/shift



Energy Saving:
up to 7% only TTM battery
up to 25% Battery Pack FAAM

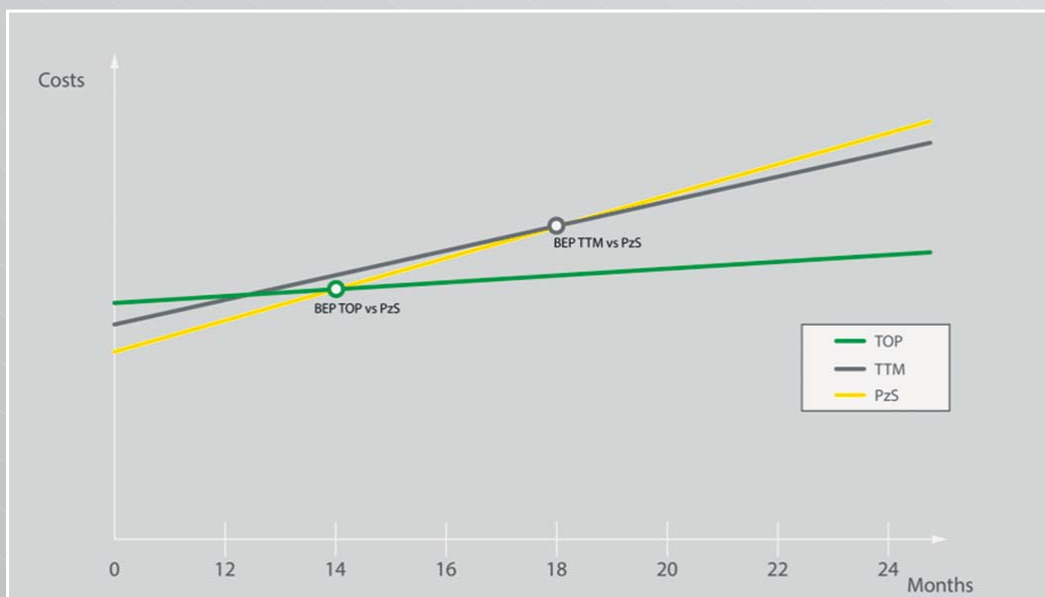


Water Less: up to 45 cycles (DOD80%)
without refilling



TCO Saving B.E.P. 18 Months

Total Cost of Ownership (TCO) FAAM Advanced Lead Technology





TRALEG

HEAVY PLUS TECHNOLOGY

Designed with traction technology, this range is suitable for any type of electric-driven vehicle (industrial cleaning machines, golf cars, scissor lift platforms and so on), leisure vehicles (caravans, nautical applications and toys) and for energy storage from renewable sources. The light traction batteries are designed for cyclical use in which a high number of charge/discharge cycles is required and they are available both in AGM (flat and tubular plate) and GEL variations.



Features and benefits

High Endurance Cycles



Hard And Intensive Use



Extreme Temperature



High Charge Acceptance





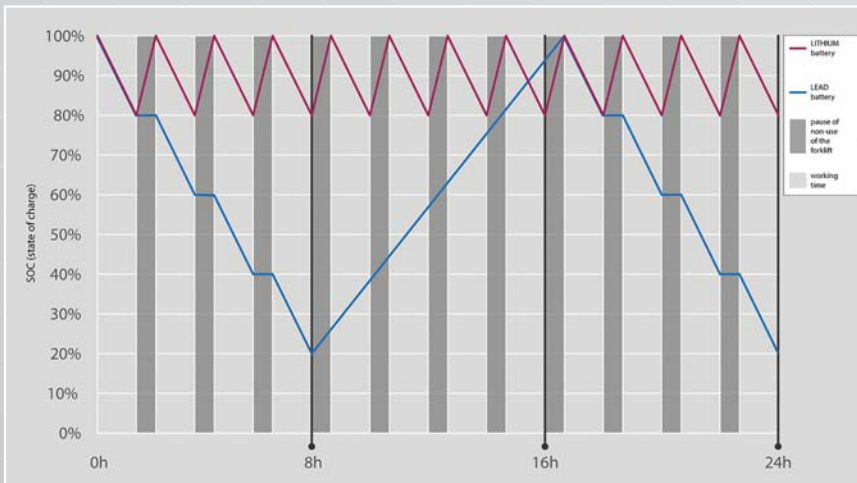
The innovative and efficient solution for Motive Power

LiTraction range of lithium products represents the most innovative solution in energy storage for use on industrial electrical forklifts. The long life, fast charging speed and lack of maintenance make **LiTraction** the perfect solution where performance, shift length, safety and energy efficiency must not be compromised.

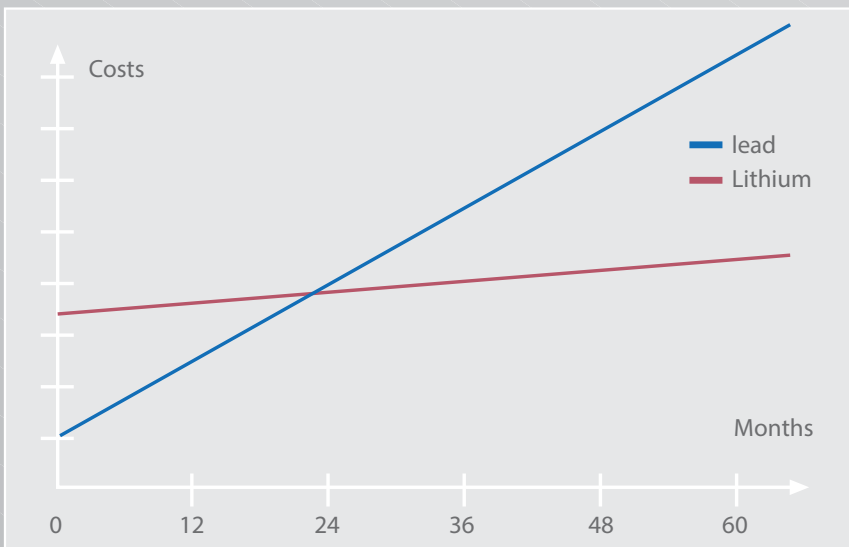


Since 2004

Profile comparison (lead-lithium) for batteries during three shift operations



Total Cost of Ownership (TCO) Lithium vs Lead acid (Used 3 shift of 8 hours, with 3 partial recharges per shift)



ADVANTAGES

- Fast charging (80% in 30 minutes)
- Opportunity charging
- High number of cycles (> 3000 cycles)
- Energy saving (efficiency > 97%)
- High energy density and power
- Zero emissions
- Interfacing with other electrical/electrical devices of the forklift
- Maintenance free
- Easy to install
- It can replace previous accumulators (plug and play)

Technical data: TOP - TTM - TRALEG - LIMPOWER





Lid type FAAM LEAK PROOF*

DIN PzS range of TOP e TTM are equipped with standard lid



DIN PzB - Lid type STANDARD

DIN PzB range of TOP and TTM are equipped with standard lid



Welded connections optional
Only for PzS

DIN CODE	FAAM CODE	Nominal Capacity (Ah) in 5h	Charging Intensity (A)		DIMENSIONS (mm)				Weight without acid (Kg) +/- 5%	Weight with acid (Kg) +/- 5%
			in	fin	A	B	H	H1		
PzS TOP										
2PzS100	2TOP300	100	17	5	198	45	267	296	5,6	7,1
3PzS150	3TOP300	150	25	7	198	64	267	296	7,8	10,0
4PzS200	4TOP300	200	34	9	198	82	267	296	10,0	12,9
5PzS250	5TOP300	250	42	11	198	101	267	296	12,1	15,9
6PzS300	6TOP300	300	50	13	198	118	267	296	14,4	18,9
7PzS350	7TOP300	350	59	15	198	137	267	296	16,6	21,8
8PzS400	8TOP300	400	67	17	198	155	267	296	18,7	24,6
9PzS450	9TOP300	450	75	19	198	172	267	296	21,1	27,8
10PzS500	10TOP300	500	84	21	198	190	267	296	23,3	30,7
12PzS600	12TOP300	600	100	25	198	227	267	296	27,6	36,6
2PzS120	2TOP365	120	20	5	198	45	336	365	6,8	8,7
3PzS180	3TOP365	180	30	8	198	64	336	365	9,5	12,3
4PzS240	4TOP365	240	40	10	198	82	336	365	12,3	15,9
5PzS300	5TOP365	300	50	13	198	101	336	365	15,0	19,6
6PzS360	6TOP365	360	60	15	198	118	336	365	17,8	23,3
7PzS420	7TOP365	420	70	18	198	137	336	365	20,6	27,0
8PzS480	8TOP365	480	80	20	198	155	336	365	23,2	30,6
9PzS540	9TOP365	540	90	23	198	172	336	365	26,3	34,6
10PzS600	10TOP365	600	100	25	198	190	336	365	29,0	38,2
12PzS720	12TOP365	720	120	30	198	227	336	365	34,5	45,5
2PzS160	2TOP435	160	27	7	198	45	404	433	8,3	10,6
3PzS240	3TOP435	240	40	10	198	64	404	433	11,7	15,1
4PzS320	4TOP435	320	54	14	198	82	404	433	15,1	19,6
5PzS400	5TOP435	400	67	17	198	101	404	433	18,4	24,1
6PzS480	6TOP435	480	80	20	198	118	404	433	21,8	28,6
7PzS560	7TOP435	560	94	24	198	137	404	433	25,2	33,1
8PzS640	8TOP435	640	107	27	198	155	404	433	28,6	37,6
9PzS720	9TOP435	720	120	30	198	172	404	433	32,3	42,5
10PzS800	10TOP435	800	134	34	198	190	404	433	35,7	47,0
12PzS960	12TOP435	960	160	40	198	227	404	433	42,5	56,0
2PzS180	2TOP500	180	30	8	198	47	467	496	9,7	12,3
3PzS270	3TOP500	270	45	12	198	65	467	496	13,6	17,6
4PzS360	4TOP500	360	60	15	198	83	467	496	17,6	22,9
5PzS450	5TOP500	450	75	19	198	101	467	496	21,5	28,2
6PzS540	6TOP500	540	90	23	198	119	467	496	25,5	33,5
7PzS630	7TOP500	630	105	27	198	137	467	496	29,5	38,8
8PzS720	8TOP500	720	120	30	198	155	467	496	33,4	44,0
9PzS810	9TOP500	810	135	34	198	173	467	496	37,7	49,7
10PzS900	10TOP500	900	150	38	198	192	467	496	41,7	55,0
12PzS1080	12TOP500	1080	180	45	198	227	467	496	49,6	65,5

The dimensions are according with the IEC 254-2 Std and DIN/EN 60254-2 Std - Height of cells: tolerances ± 3 mm

* PzS cells with 9-10-12 plates have 4 terminals

DIN CODE	FAAM CODE	Nominal Capacity (Ah) in 5h	Charging Intensity (A)		DIMENSIONS (mm)				Weight without acid (Kg) +/- 5%	Weight with acid (Kg) +/- 5%
			in	fin	A	B	H	H1		
PzS TOP										
2PzS210	2TOP545	210	35	9	198	47	512	541	10,2	13,1
3PzS315	3TOP545	315	53	14	198	65	512	541	14,3	18,8
4PzS420	4TOP545	420	70	18	198	83	512	541	18,5	24,4
5PzS525	5TOP545	525	88	22	198	101	512	541	22,7	30,0
6PzS630	6TOP545	630	105	27	198	119	512	541	26,8	35,6
7PzS735	7TOP545	735	123	31	198	137	512	541	31,0	41,2
8PzS840	8TOP545	840	140	35	198	155	512	541	35,1	46,9
9PzS945	9TOP545	945	158	40	198	173	512	541	39,8	53,0
10PzS1050	10TOP545	1050	175	44	198	192	512	541	44,0	58,6
12PzS1260	12TOP545	1260	210a	53	198	227	512	541	52,3	69,9
2PzS230	2TOP565	230	39	10	198	47	532	561	11,3	14,3
3PzS345	3TOP565	345	58	15	198	65	532	561	15,9	20,3
4PzS460	4TOP565	460	77	20	198	83	532	561	20,4	26,3
5PzS575	5TOP565	575	96	24	198	101	532	561	25,0	32,4
6PzS690	6TOP565	690	115	29	198	119	532	561	29,6	38,5
7PzS805	7TOP565	805	135	34	198	137	532	561	34,2	44,5
8PzS920	8TOP565	920	154	39	198	155	532	561	38,8	50,6
9PzS1035	9TOP565	1035	173	44	198	173	532	561	43,9	57,2
10PzS1150	10TOP565	1150	192	48	198	192	532	561	48,5	63,2
12PzS1380	12TOP565	1380	230	58	198	227	532	561	57,6	75,4
2PzS250	2TOP600	250	42	11	198	47	567	596	12,0	15,1
3PzS375	3TOP600	375	63	16	198	65	567	596	16,9	21,6
4PzS500	4TOP600	500	84	21	198	83	567	596	21,8	28,1
5PzS625	5TOP600	625	105	27	198	101	567	596	26,7	34,6
6PzS750	6TOP600	750	125	32	198	119	567	596	31,4	41,1
7PzS875	7TOP600	875	146	37	198	137	567	596	36,6	47,6
8PzS1000	8TOP600	1000	167	42	198	155	567	596	41,5	54,1
9PzS1125	9TOP600	1125	188	47	198	173	567	596	46,9	61,1
10PzS1250	10TOP600	1250	209	53	198	192	567	596	51,9	67,6
12PzS1500	12TOP600	1500	250	63	198	227	567	596	61,7	80,6
2PzS280	2TOP725	280	47	12	198	47	690	719	13,6	17,7
3PzS420	3TOP725	420	70	18	198	65	690	719	19,2	25,3
4PzS560	4TOP725	560	94	24	198	83	690	719	24,9	33,0
5PzS700	5TOP725	700	117	30	198	101	690	719	30,5	40,7
6PzS840	6TOP725	840	140	35	198	119	690	719	36,1	48,2
7PzS980	7TOP725	980	164	41	198	137	690	719	41,7	55,9
8PzS1120	8TOP725	1120	187	47	198	155	690	719	47,3	63,5
9PzS1260	9TOP725	1260	210	53	198	173	690	719	53,4	71,6
10PzS1400	10TOP725	1400	234	59	198	192	690	719	59,1	79,2
12PzS1680	12TOP725	1680	280	70	198	227	690	719	70,3	94,5
2PzS310	2TOP745	310	52	13	198	47	710	739	15,2	19,3
3PzS465	3TOP745	465	78	20	198	65	710	739	21,4	27,6
4PzS620	4TOP745	620	104	26	198	83	710	739	27,6	35,8
5PzS775	5TOP745	775	130	33	198	101	710	739	33,9	44,1
6PzS930	6TOP745	930	155	39	198	119	710	739	40,1	52,4
7PzS1085	7TOP745	1085	181	46	198	137	710	739	46,3	60,6
8PzS1240	8TOP745	1240	207	52	198	155	710	739	52,6	68,9
9PzS1395	9TOP745	1395	233	59	198	173	710	739	59,3	77,6
10PzS1550	10TOP745	1550	259	65	198	192	710	739	65,5	85,9
12PzS1860	12TOP745	1860	310	78	198	227	710	739	78,0	102,4

The dimensions are according with the IEC 254-2 Std and DIN/EN 60254-2 Std - Height of cells: tolerances ± 3 mm

* PzS cells with 9-10-12 plates have 4 terminals

BS CODE	FAAM CODE	Nominal Capacity (Ah) in 5h	Charging Intensity (A)		DIMENSIONS (mm)				Weight without acid (Kg) +/- 5%	Weight with acid (Kg) +/- 5%
			in	fin	A	B	H	H1		

PzB TOP

2PzB150	2BST540	150	25	7	158	45	512	541	8,2	10,8
3PzB225	3BST540	225	38	10	158	61	512	541	11,4	15,0
4PzB300	4BST540	300	50	13	158	77	512	541	14,6	19,2
5PzB375	5BST540	375	63	16	158	93	512	541	17,8	23,4
6PzB450	6BST540	450	75	19	158	109	512	541	21,0	27,6
7PzB525	7BST540	525	88	22	158	125	512	541	24,1	31,7
2PzB200	2BST635	200	34	9	158	45	607	636	9,7	12,8
3PzB300	3BST635	300	50	13	158	61	607	636	13,6	17,9
4PzB400	4BST635	400	67	17	158	77	607	636	17,5	23,0
5PzB500	5BST635	500	84	21	158	93	607	636	21,4	28,2
6PzB600	6BST635	600	100	25	158	109	607	636	25,3	33,3
7PzB700	7BST635	700	117	30	158	125	607	636	29,2	38,4

The dimensions are according with the IEC 254-2 serie E standard- Height of cells: ± 3 mm

DIN CODE	FAAM CODE	Nominal Capacity (Ah) in 5h	Charging Intensity (A)		DIMENSIONS (mm)				Weight without acid (Kg) +/- 5%	Weight with acid (Kg) +/- 5%
			in	fin	A	B	H	H1		

PzS TTM

2PzS100	2TTM300	100	17	5	198	45	267	296	5,6	7,1
3PzS150	3TTM300	150	25	7	198	64	267	296	7,8	10,0
4PzS200	4TTM300	200	34	9	198	82	267	296	10,0	12,9
5PzS250	5TTM300	250	42	11	198	101	267	296	12,1	15,9
6PzS300	6TTM300	300	50	13	198	118	267	296	14,4	18,9
7PzS350	7TTM300	350	59	15	198	137	267	296	16,6	21,8
8PzS400	8TTM300	400	67	17	198	155	267	296	18,7	24,6
9PzS450	9TTM300	450	75	19	198	172	267	296	21,1	27,8
10PzS500	10TTM300	500	84	21	198	192	267	296	23,3	30,7
12PzS600	12TTM300	600	100	25	198	227	267	296	27,6	36,6
2PzS120	2TTM365	120	20	5	198	45	336	365	6,8	8,7
3PzS180	3TTM365	180	30	8	198	64	336	365	9,5	12,3
4PzS240	4TTM365	240	40	10	198	82	336	365	12,3	15,9
5PzS300	5TTM365	300	50	13	198	101	336	365	15,0	19,6
6PzS360	6TTM365	360	60	15	198	118	336	365	17,8	23,3
7PzS420	7TTM365	420	70	18	198	137	336	365	20,6	27,0
8PzS480	8TTM365	480	80	20	198	155	336	365	23,2	30,6
9PzS540	9TTM365	540	90	23	198	172	336	365	26,3	34,6
10PzS600	10TTM365	600	100	25	198	192	336	365	29,0	38,2
12PzS720	12TTM365	720	120	30	198	227	336	365	34,5	45,5
2PzS160	2TTM435	160	27	7	198	45	404	433	8,3	10,6
3PzS240	3TTM435	240	40	10	198	64	404	433	11,7	15,1
4PzS320	4TTM435	320	54	14	198	82	404	433	15,1	19,6
5PzS400	5TTM435	400	67	17	198	101	404	433	18,4	24,1
6PzS480	6TTM435	480	80	20	198	118	404	433	21,8	28,6
7PzS560	7TTM435	560	94	24	198	137	404	433	25,2	33,1
8PzS640	8TTM435	640	107	27	198	155	404	433	28,6	37,6
9PzS720	9TTM435	720	120	30	198	172	404	433	32,3	42,5
10PzS800	10TTM435	800	134	34	198	192	404	433	35,7	47,0
12PzS960	12TTM435	960	160	40	198	227	404	433	42,5	56,0
2PzS180	2TTM500	180	30	8	198	47	467	496	9,7	12,3
3PzS270	3TTM500	270	45	12	198	65	467	496	13,6	17,6
4PzS360	4TTM500	360	60	15	198	83	467	496	17,6	22,9
5PzS450	5TTM500	450	75	19	198	101	467	496	21,5	28,2
6PzS540	6TTM500	540	90	23	198	119	467	496	25,5	33,5
7PzS630	7TTM500	630	105	27	198	137	467	496	29,5	38,8
8PzS720	8TTM500	720	120	30	198	155	467	496	33,4	44,0
9PzS810	9TTM500	810	135	34	198	173	467	496	37,7	49,7
10PzS900	10TTM500	900	150	38	198	192	467	496	41,7	55,0
12PzS1080	12TTM500	1080	180	45	198	227	467	496	49,6	65,5
2PzS210	2TTM545	210	35	9	198	47	512	541	10,2	13,1
3PzS315	3TTM545	315	53	14	198	65	512	541	14,3	18,8
4PzS420	4TTM545	420	70	18	198	83	512	541	18,5	24,4
5PzS525	5TTM545	525	88	22	198	101	512	541	22,7	30,0
6PzS630	6TTM545	630	105	27	198	119	512	541	26,8	35,6
7PzS735	7TTM545	735	123	31	198	137	512	541	31,0	41,2
8PzS840	8TTM545	840	140	35	198	155	512	541	35,1	46,9
9PzS945	9TTM545	945	158	40	198	173	512	541	39,8	53,0
10PzS1050	10TTM545	1050	175	44	198	192	512	541	44,0	58,6
12PzS1260	12TTM545	1260	210	53	198	227	512	541	52,3	69,9

The dimensions are according with the IEC 254-2 Std and DIN/EN 60254-2 Std - Height of cells: tolerances $\pm 3\text{mm}$

* PzS cells with 9-10-12 plates have 4 terminals

DIN CODE	FAAM CODE	Nominal Capacity (Ah) in 5h	Charging Intensity (A)		DIMENSIONS (mm)				Weight without acid (Kg) +/- 5%	Weight with acid (Kg) +/- 5%
			in	fin	A	B	H	H1		

PzS TTM

2PzS230	2TTM565	230	39	10	198	47	532	561	11,3	14,3
3PzS345	3TTM565	345	58	15	198	65	532	561	15,9	20,3
4PzS460	4TTM565	460	77	20	198	83	532	561	20,4	26,3
5PzS575	5TTM565	575	96	24	198	101	532	561	25,0	32,4
6PzS690	6TTM565	690	115	29	198	119	532	561	29,6	38,5
7PzS805	7TTM565	805	135	34	198	137	532	561	34,2	44,5
8PzS920	8TTM565	920	154	39	198	155	532	561	38,8	50,6
9PzS1035	9TTM565	1035	173	44	198	173	532	561	43,9	57,2
10PzS1150	10TTM565	1150	192	48	198	192	532	561	48,5	63,2
12PzS1380	12TTM565	1380	230	58	198	227	532	561	57,6	75,4
2PzS250	2TTM600	250	42	11	198	47	567	596	12,0	15,1
3PzS375	3TTM600	375	63	16	198	65	567	596	16,9	21,6
4PzS500	4TTM600	500	84	21	198	83	567	596	21,8	28,1
5PzS625	5TTM600	625	105	27	198	101	567	596	26,7	34,6
6PzS750	6TTM600	750	125	32	198	119	567	596	31,4	41,1
7PzS875	7TTM600	875	146	37	198	137	567	596	36,6	47,6
8PzS1000	8TTM600	1000	167	42	198	155	567	596	41,5	54,1
9PzS1125	9TTM600	1125	188	47	198	173	567	596	46,9	61,1
10PzS1250	10TTM600	1250	209	53	198	192	567	596	51,9	67,6
12PzS1500	12TTM600	1500	250	63	198	227	567	596	61,7	80,6
2PzS280	2TTM725	280	47	12	198	47	690	719	13,6	17,7
3PzS420	3TTM725	420	70	18	198	65	690	719	19,2	25,3
4PzS560	4TTM725	560	94	24	198	83	690	719	24,9	33,0
5PzS700	5TTM725	700	117	30	198	101	690	719	30,5	40,7
6PzS840	6TTM725	840	140	35	198	119	690	719	36,1	48,2
7PzS980	7TTM725	980	164	41	198	137	690	719	41,7	55,9
8PzS1120	8TTM725	1120	187	47	198	155	690	719	47,3	63,5
9PzS1260	9TTM725	1260	210	53	198	173	690	719	53,4	71,6
10PzS1400	10TTM725	1400	234	59	198	192	690	719	59,1	79,2
12PzS1680	12TTM725	1680	280	70	198	227	690	719	70,3	94,5
2PzS310	2TTM745	310	52	13	198	47	710	739	15,2	19,3
3PzS465	3TTM745	465	78	20	198	65	710	739	21,4	27,6
4PzS620	4TTM745	620	104	26	198	83	710	739	27,6	35,8
5PzS775	5TTM745	775	130	33	198	101	710	739	33,9	44,1
6PzS930	6TTM745	930	155	39	198	119	710	739	40,1	52,4
7PzS1085	7TTM745	1085	181	46	198	137	710	739	46,3	60,6
8PzS1240	8TTM745	1240	207	52	198	155	710	739	52,6	68,9
9PzS1395	9TTM745	1395	233	59	198	173	710	739	59,3	77,6
10PzS1550	10TTM745	1550	259	65	198	192	710	739	65,5	85,9
12PzS1860	12TTM745	1860	310	78	198	227	710	739	78,0	102,4

The dimensions are according with the IEC 254-2 Std and DIN/EN 60254-2 Std - Height of cells: tolerances $\pm 3\text{mm}$

* PzS cells with 9-10-12 plates have 4 terminals

BS CODE	FAAM CODE	Nominal Capacity (Ah) in 5h	Charging Intensity (A)		DIMENSIONS (mm)				Weight without acid (Kg) +/- 5%	Weight with acid (Kg) +/- 5%
			in	fin	A	B	H	H1		
PzB TTM										
2PzB46	2BSM240	46	8	2	158	45	212	241	3,0	4,0
3PzB69	3BSM240	69	12	3	158	61	212	241	4,1	5,5
4PzB92	4BSM240	92	16	4	158	77	212	241	5,2	6,9
5PzB115	5BSM240	115	20	5	158	93	212	241	6,4	8,4
6PzB138	6BSM240	138	23	6	158	109	212	241	7,5	9,9
7PzB161	7BSM240	161	27	7	158	125	212	241	8,6	11,3
8PzB184	8BSM240	184	31	8	158	141	212	241	9,7	12,8
9PzB207	9BSM240	207	35	9	158	157	212	241	10,8	14,2
10PzB230	10BSM240	230	39	10	158	173	212	241	12,0	15,8
2PzB64	2BSM296	64	11	3	158	45	268	297	4,2	5,5
3PzB96	3BSM296	96	16	4	158	61	268	297	5,5	7,2
4PzB128	4BSM296	128	22	6	158	77	268	297	6,8	8,9
5PzB160	5BSM296	160	27	7	158	93	268	297	8,1	10,6
6PzB192	6BSM296	192	32	8	158	109	268	297	9,3	12,3
7PzB224	7BSM296	224	38	10	158	125	268	297	10,7	14,1
8PzB256	8BSM296	256	43	11	158	141	268	297	12,0	15,8
9PzB288	9BSM296	288	48	12	158	157	268	297	13,3	17,5
10 PzB320	10BSM296	320	54	14	158	173	268	297	14,7	19,3
2PzB84	2BSM355	84	14	4	158	45	327	356	5,3	7,0
3PzB126	3BSM355	126	21	6	158	61	327	356	6,9	9,1
4PzB168	4BSM355	168	28	7	158	77	327	356	8,5	11,2
5PzB210	5BSM355	210	35	9	158	93	327	356	10,1	13,3
6PzB252	6BSM355	252	42	11	158	109	327	356	11,7	15,4
7PzB294	7BSM355	294	49	13	158	125	327	356	13,3	17,5
8PzB336	8BSM355	336	56	14	158	141	327	356	15,0	19,7
9PzB378	9BSM355	378	63	16	158	157	327	356	16,6	21,8
10PzB420	10BSM355	420	70	18	158	173	327	356	18,2	24,0
2PzB110	2BSM426	110	19	5	158	45	397	426	6,5	8,5
3PzB165	3BSM426	165	28	7	158	61	397	426	8,7	11,4
4PzB220	4BSM426	220	37	10	158	77	397	426	10,9	14,4
5PzB275	5BSM426	275	46	12	158	93	397	426	13,1	17,3
6PzB330	6BSM426	330	55	14	158	109	397	426	15,4	20,3
7PzB385	7BSM426	385	65	17	158	125	397	426	17,6	23,2
8PzB440	8BSM426	440	74	19	158	141	397	426	19,8	26,1
9PzB495	9BSM426	495	83	21	158	157	397	426	22,0	29,0
10PzB550	10BSM426	550	92	23	158	173	397	426	24,2	31,9
2PzB130	2BSM480	130	22	6	158	45	452	481	7,1	9,4
3PzB195	3BSM480	195	33	9	158	61	452	481	9,8	12,9
4PzB260	4BSM480	260	44	11	158	77	452	481	12,5	16,4
5PzB325	5BSM480	325	55	14	158	93	452	481	15,0	19,8
6PzB390	6BSM480	390	65	17	158	109	452	481	17,6	23,2
7PzB455	7BSM480	455	76	19	158	125	452	481	20,3	26,7
8PzB520	8BSM480	520	87	22	158	141	452	481	23,0	30,2
9PzB585	9BSM480	585	98	25	158	157	452	481	25,6	33,7
10PzB650	10BSM480	650	109	28	158	173	452	481	28,2	37,1

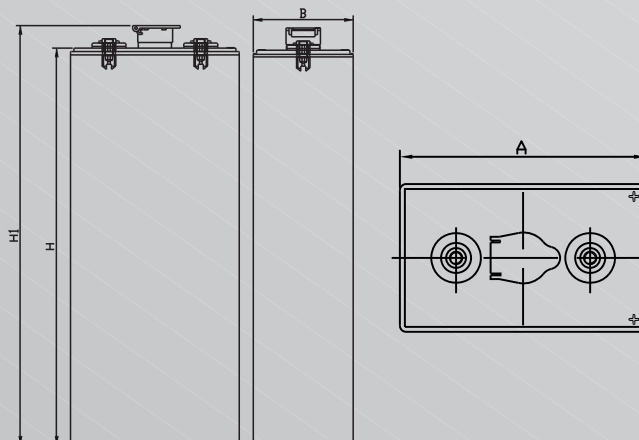
Cells with 11 plates on request - The dimensions are according with the IEC 254-2 serie E standard- Height of cells: ± 3mm

BS CODE	FAAM CODE	Nominal Capacity (Ah) in 5h	Charging Intensity (A)		DIMENSIONS (mm)				Weight without acid (Kg) +/- 5%	Weight with acid (Kg) +/- 5%
			in	fin	A	B	H	H1		

PzB TTM

2PzB150	2BSM540	150	25	7	158	45	512	541	8,2	10,8
3PzB225	3BSM540	225	38	10	158	61	512	541	11,4	15,0
4PzB300	4BSM540	300	50	13	158	77	512	541	14,6	19,2
5PzB375	5BSM540	375	63	16	158	93	512	541	17,8	23,4
6PzB450	6BSM540	450	75	19	158	109	512	541	21,0	27,6
7PzB525	7BSM540	525	88	22	158	125	512	541	24,1	31,7
8PzB600	8BSM540	600	100	25	158	141	512	541	27,3	35,9
9PzB675	9BSM540	675	113	29	158	157	512	541	30,5	40,1
10PzB750	10BSM540	750	125	32	158	173	512	541	33,7	44,4
2PzB170	2BSM595	170	29	8	158	45	566	595	8,7	11,5
3PzB255	3BSM595	255	43	11	158	61	566	595	12,0	15,8
4PzB340	4BSM595	340	57	15	158	77	566	595	15,3	20,1
5PzB425	5BSM595	425	71	18	158	93	566	595	18,5	24,4
6PzB510	6BSM595	510	85	22	158	109	566	595	21,8	28,7
7PzB595	7BSM595	595	100	25	158	125	566	595	25,1	33,0
8PzB680	8BSM595	680	114	29	158	141	566	595	28,3	37,3
9PzB765	9BSM595	765	128	32	158	157	566	595	31,7	41,7
10PzB850	10BSM595	850	142	36	158	173	566	595	35,0	46,0
2PzB200	2BSM635	200	34	9	158	45	607	636	9,7	12,8
3PzB300	3BSM635	300	50	13	158	61	607	636	13,6	17,9
4PzB400	4BSM635	400	67	17	158	77	607	636	17,5	23,0
5PzB500	5BSM635	500	84	21	158	93	607	636	21,4	28,2
6PzB600	6BSM635	600	100	25	158	109	607	636	25,3	33,3
7PzB700	7BSM635	700	117	30	158	125	607	636	29,2	38,4
8PzB800	8BSM635	800	134	34	158	141	607	636	33,1	43,6
9PzB900	9BSM635	900	150	38	158	157	607	636	37,0	48,7
10PzB1000	10BSM635	1000	167	42	158	173	607	636	40,9	53,8
2PzB210	2BSM720	210	35	9	158	45	692	721	12,6	16,6
3PzB315	3BSM720	315	53	14	158	61	692	721	16,9	22,3
4PzB420	4BSM720	420	70	18	158	77	692	721	21,4	28,1
5PzB525	5BSM720	525	88	22	158	93	692	721	25,7	33,8
6PzB630	6BSM720	630	105	27	158	109	692	721	29,9	39,4
7PzB735	7BSM720	735	123	31	158	125	692	721	34,3	45,1
8PzB840	8BSM720	840	140	35	158	141	692	721	38,6	50,8
9PzB945	9BSM720	945	158	40	158	157	692	721	42,9	56,5
10PzB1050	10BSM720	1050	175	44	158	173	692	721	47,3	62,2

Cells with 11 plates on request - The dimensions are according with the IEC 254-2 serie E standard- Height of cells: ± 3mm



FAAM CODE	V	TECHNOLOGY	MAINTENANCE FREE	ELECTRIC FEATURES		LAYOUT POLARITY	TYPE TERMINALS	TYPE OF BOX	DIMENSIONS (mm)			LID	HOLD DOWN	HANDLES	VERSION
				CAPACITY Ah (20h)	CAPACITY Ah (5h)				Length L	Width W	Height H				

TRALEG HEAVY PLUS TECHNOLOGY

FLAT PLATE

				Ah/20h	Ah/5h										
24061	6	FLOODED		240	190	0	1	GOLF-CART	244	190	282	SL	B 00		CA
80T32	12	FLOODED		80	64	0	1	L3	276	175	190	SL/IV/FA/SP	B 13	IHL	CA
58061	12	FLOODED		80	64	1	1	Gr 24	287	175	230	FL	B 09		CA
00T56	12	FLOODED		100	80	0	1	L5	352	175	190	SL/IV/FA/SP	B 13	IHL	CA
60068	12	FLOODED		100	80	0	1	Gr 28	330	175	220	FL	B 01	HL	CA
63071	12	FLOODED		130	105	0	1	Comp. 120	344	172	283	FL	B 00	IHL	CA
69962	12	FLOODED		200	160	3	1	B	513	223	218	FL	B 00	HL	CA
71962	12	FLOODED		220	165	3	1	C	518	279	238	FL	B 00	HL	CA

TUBULAR PLATE

24071	6	FLOODED		240	185	0	1	GOLF-CART	244	190	282	SL	B 00		CA
24081	6	FLOODED		260	205	0	1	GOLF-CART	244	190	282	SL	B 00		CA
57561	12	FLOODED		70	55	0	1	Gb 24	265	175	205	FL	B 01		CA
59078	12	FLOODED		95	75	0	1	Gr 28	304	175	228	SL/IV	B 01	IHL	CA
58578	12	FLOODED		100	80	0	1	Comp. 90	344	172	232	FL	B 00	IHL	CA
61578	12	FLOODED		135	110	0	1	Comp. 120	344	172	283	FL	B 00	IHL	CA

GEL

24091	6	VRLA-GEL	✓	225	180	0	1	GOLF-CART	244	190	282	SL	B 00		CA
61588	12	VRLA-GEL	✓	135	110	0	1	Comp. 120	344	172	283	FL	B 00	IHL	CA

Explanation about battery details

Features of the cover

BL (block lid)= (Kamina type) the terminals height is the same as the lid height. The plugs embedded under the lid surface. There is no perimetrical space around the lid for possible fixings.

FL (flat lid)= The lid surface is completely flat; the terminals and the plugs stick out from it.

SL (semi lid)= (Kamina type) the terminals height is the same as the lid height. The plugs embedded under the lid surface. There is a 15mm perimetrical space for the possible fixing of upper clamps.

IV (internal valve)= special lid with central degassing.

FA = Flame Arrester.

SP = Spill Proof.

VR = Valve Regulator

IHL = Handle integrated in the lid.

HL = Rope handles fixed on the short sides of the battery.

All the batteries are built in polypropylene, excepted those ones in which is differently specified.

ME = Magic Eye

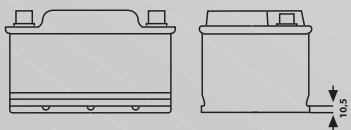
MF = Maintenance Free

Hold-down

B00 No hold-down

B01

Hold-down of 10,5 mm on long sides



B09

Hold-down of 29 mm with fluting foot

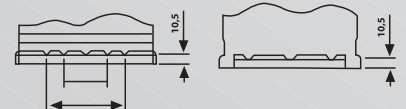


B13

Hold-down of 10,5 mm on all sides

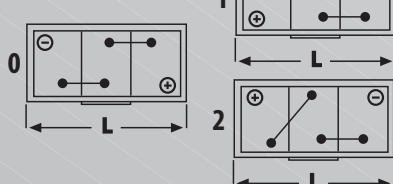
5 notches

3 notches

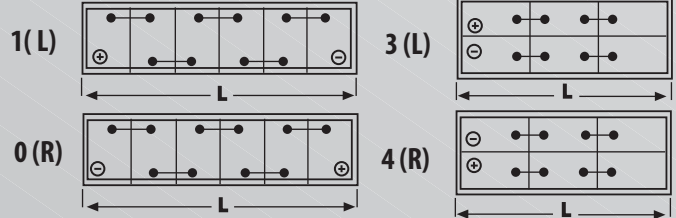


Polarity

6 Volts



12 Volts



Datasheet of LiMPower System

MODEL	LMP24120A LMP24120B	LMP24160A	LMP24200A	LMP24320A LMP24320B	LMP24400A LMP24400B	LMP24480A	LMP24600A LMP24600B
Type of battery	LFP	LFP	LFP	LFP	LFP	LFP	LFP
Nominal voltage	25,6V DC	25,6V DC	25,6V DC	25,6V DC	25,6V DC	25,6V DC	25,6V DC
Nominal energy	3.1 kWh	4.1 kWh	5.1 kWh	8.2 kWh	10.2 kWh	12.3 kWh	15.4 kWh
Energy (DoD 80%)	2.5 kWh	3.3 kWh	4.1 kWh	6.6 kWh	8.2 kWh	9.8 kWh	12.3 kWh
Nominal capacity	120 Ah	160 Ah	200 Ah	320 Ah	400 Ah	480 Ah	600 Ah
Capacity (DoD 80%)	96 Ah	128 Ah	160 Ah	256 Ah	320 Ah	384 Ah	480 Ah
Maximum continuous power in discharge (25°C)	9.2 kW	12.3 kW	15.4 kW	24.6 kW	30.8 kW	36.9 kW	46 kW
Peak power in discharge (10 s)	30.7 kW	41 kW	51 kW	82 kW	102 kW	123 kW	153.6 kW
Recommended power in discharge	1.5 kW	2 kW	2.6 kW	4 kW	5.2 kW	6 kW	7.7 kW
Maximum continuous electricity in discharge	360 A	480 A	600 A	960 A	1200 A	1360 A	1800 A
Peak electric current in discharge (10 s)	1200 A	1600 A	2000 A	3200 A	4000 A	4800 A	6000 A
Recommended electric current in discharge	60 A	80 A	100 A	160 A	200 A	240 A	300 A
Minimum voltage (cut-off)	20.0V	20.0V	20.0V	20.0V	20.0V	20.0V	20.0V
Maximum voltage	28.4V	28.4V	28.4V	28.4V	28.4V	28.4V	28.4V
Maximum continuous electric current in charge (recharge 80% in 0,5 h; total recharge 2 ÷ 3 h)	120 A	160 A	200 A	320 A	400 A	480 A	600 A
Recommended charging electricity	30 A	40 A	50 A	80 A	100 A	120 A	150 A
Maximum continuous power in charge (25°C)	3.1 kW	4.1 kW	5.1 kW	8.2 kW	10.2 kW	12.3 kW	15.4 kW
Recommended power in charge	0,8 kW	1 kW	1.3 kW	2 kW	2.6 kW	3 kW	3.9 kW
Efficiency (25°C)	0,97	0,97	0,97	0,97	0,97	0,97	0,97
Estimated lasting	> 10 years	> 10 years	> 10 years	> 10 years	> 10 years	> 10 years	> 10 years
Estimated lasting in cycles (25°C; DoD 80%)	≥ 3000	≥ 3000	≥ 3000	≥ 3000	≥ 3000	≥ 3000	≥ 3000
Functioning temperature in discharge	-20 ÷ 65 °C	-20 ÷ 65 °C	-20 ÷ 65 °C	-20 ÷ 65 °C	-20 ÷ 65 °C	-20 ÷ 65 °C	-20 ÷ 65 °C
Functioning temperature in charge	0 ÷ 65 °C	0 ÷ 65 °C	0 ÷ 65 °C	0 ÷ 65 °C	0 ÷ 65 °C	0 ÷ 65 °C	0 ÷ 65 °C
Optimal functioning temperature	5 ÷ 40 °C	5 ÷ 40 °C	5 ÷ 40 °C	5 ÷ 40 °C	5 ÷ 40 °C	5 ÷ 40 °C	5 ÷ 40 °C
Storage temperature	-20 ÷ 65 °C	-20 ÷ 65 °C	-20 ÷ 65 °C	-20 ÷ 65 °C	-20 ÷ 65 °C	-20 ÷ 65 °C	-20 ÷ 65 °C
Self-discharge	< 1% month	< 1% month	< 1% month	< 1% month	< 1% month	< 1% month	< 1% month
Operating conditions for humidity	20 ÷ 80 %	20 ÷ 80 %	20 ÷ 80 %	20 ÷ 80 %	20 ÷ 80 %	20 ÷ 80 %	20 ÷ 80 %
Interface	CAN Communication	CAN Communication	CAN Communication	CAN Communication	CAN Communication	CAN Communication	CAN Communication
Cooling	Natural convection	Natural convection	Natural convection	Natural convection	Natural convection	Natural convection	Natural convection
A VERSION - Dimensions (mm) [L x H x P]	660x146x390	621x212x627	621x212x627	621x281x627	621x353x627	621x353x830	621x353x627
A VERSION - Weight							
B VERSION - Dimensions (mm) [L x H x P]	648x156x595	-	-	827x281x627	621x281x627		621x353x764
B VERSION - Weight							
Cell safety	IEC 62133	IEC 62133	IEC 62133	IEC 62133	IEC 62133	IEC 62133	IEC 62133
System safety	IEC 62619	IEC 62619	IEC 62619	IEC 62619	IEC 62619	IEC 62619	IEC 62619
United Nations class	UN 3480	UN 3480	UN 3480	UN 3480	UN 3480	UN 3480	UN 3480
Conformity transport regulation	UN 38.3	UN 38.3	UN 38.3	UN 38.3	UN 38.3	UN 38.3	UN 38.3
Protection class	IP54	IP54	IP54	IP54	IP54	IP54	IP54
Classifications	CE	CE	CE	CE	CE	CE	CE

Also available 48V and 80V versions

Battery capacity could be reduced if the weight requested is the same of lead acid version.

Battery dimensions according to Standard DIN 43535 24V

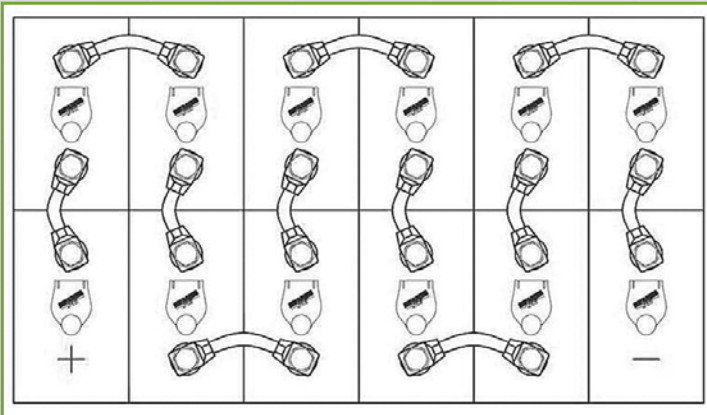
VOLT	DIN CODE			FAAM CODE	Layout DIN	Lenght (mm)	Width (mm)	Height (mm)
24	2	PzS	160	2TTM435	A	827	162	462
24	3	PzS	240	3TTM435	A	827	216	462
24	4	PzS	320	4TTM435	A	827	270	462
24	5	PzS	400	5TTM435	A	827	324	462
24	6	PzS	480	6TTM435	A	827	378	462
24	7	PzS	560	7TTM435	A	827	432	462
24	8	PzS	640	8TTM435	A	827	486	462
24	2	PzS	180	2TTM500	A	827	162	537
24	3	PzS	270	3TTM500	A	827	216	537
24	4	PzS	360	4TTM500	A	827	270	537
24	5	PzS	450	5TTM500	A	827	324	537
24	6	PzS	540	6TTM500	A	827	378	537
24	7	PzS	630	7TTM500	A	827	432	537
24	8	PzS	720	8TTM500	A	827	486	537
24	10	PzS	900	10TTM500	A	827	597	537
24	2	PzS	230	2TTM565	A	827	162	627
24	3	PzS	345	3TTM565	A	827	216	627
24	4	PzS	460	4TTM565	A	827	270	627
24	5	PzS	575	5TTM565	A	827	324	627
24	6	PzS	690	6TTM565	A	827	378	627
24	7	PzS	805	7TTM565	A	827	432	627
24	8	PzS	920	8TTM565	A	827	486	627
24	9	PzS	1035	9TTM565	A	827	543	627
24	10	PzS	1150	10TTM565	A	827	597	627
24	2	PzS	250	2TTM600	A	827	162	627
24	3	PzS	375	3TTM600	A	827	216	627
24	4	PzS	500	4TTM600	A	827	270	627
24	5	PzS	625	5TTM600	A	827	324	627
24	6	PzS	750	6TTM600	A	827	378	627
24	7	PzS	875	7TTM600	A	827	432	627
24	8	PzS	1000	8TTM600	A	827	486	627
24	9	PzS	1125	9TTM600	A	827	543	627
24	10	PzS	1250	10TTM600	A	827	597	627
24	3	PzS	420	3TTM725	A	832	220	784
24	4	PzS	560	4TTM725	A	832	274	784
24	5	PzS	700	5TTM725	A	832	328	784
24	6	PzS	840	6TTM725	A	832	382	784
24	7	PzS	980	7TTM725	A	832	436	784
24	8	PzS	1120	8TTM725	A	832	490	784
24	10	PzS	1400	10TTM725	A	832	601	784
24	3	PzS	465	3TTM745	A	832	220	784
24	4	PzS	620	4TTM745	A	832	274	784
24	5	PzS	775	5TTM745	A	832	328	784
24	6	PzS	930	6TTM745	A	832	382	784
24	7	PzS	1085	7TTM745	A	832	436	784
24	8	PzS	1240	8TTM745	A	832	490	784
24	10	PzS	1550	10TTM745	A	832	601	784
24	2	PzS	160	2TTM435	B	621	209	462
24	3	PzS	240	3TTM435	B	621	281	462
24	4	PzS	320	4TTM435	B	621	353	462
24	5	PzS	400	5TTM435	B	621	425	462
24	6	PzS	480	6TTM435	B	621	497	462
24	8	PzS	640	8TTM435	B	621	641	462

Battery dimensions according to Standard DIN 43535 24V

VOLT	DIN CODE			FAAM CODE	Layout DIN	Lenght (mm)	Width (mm)	Height (mm)
24	2	PzS	180	2TTM500	B	621	209	537
24	3	PzS	270	3TTM500	B	621	281	537
24	4	PzS	360	4TTM500	B	621	353	537
24	5	PzS	450	5TTM500	B	621	425	537
24	6	PzS	540	6TTM500	B	621	497	537
24	7	PzS	630	7TTM500	B	621	569	537
24	8	PzS	720	8TTM500	B	621	641	537
24	2	PzS	230	2TTM565	B	621	209	627
24	3	PzS	345	3TTM565	B	621	281	627
24	4	PzS	460	4TTM565	B	621	353	627
24	5	PzS	575	5TTM565	B	621	425	627
24	6	PzS	690	6TTM565	B	621	497	627
24	7	PzS	805	7TTM565	B	621	569	627
24	8	PzS	920	8TTM565	B	621	641	627
24	2	PzS	250	2TTM600	B	621	209	627
24	3	PzS	375	3TTM600	B	621	281	627
24	4	PzS	500	4TTM600	B	621	353	627
24	5	PzS	625	5TTM600	B	621	425	627
24	6	PzS	750	6TTM600	B	621	497	627
24	7	PzS	875	7TTM600	B	621	569	627
24	8	PzS	1000	8TTM600	B	621	641	627
24	3	PzS	420	3TTM725	B	625	285	784
24	6	PzS	840	6TTM725	B	625	451	784
24	7	PzS	980	7TTM725	B	625	573	784
24	8	PzS	1120	8TTM725	B	625	645	784
24	3	PzS	465	3TTM745	B	625	285	784
24	6	PzS	930	6TTM745	B	625	451	784
24	7	PzS	1085	7TTM745	B	625	573	784
24	8	PzS	1240	8TTM745	B	625	645	784
24	2	PzS	160	2TTM435	C	303	421	462
24	3	PzS	240	3TTM435	C	411	421	462
24	4	PzS	320	4TTM435	C	519	421	462
24	5	PzS	400	5TTM435	C	627	421	462
24	6	PzS	480	6TTM435	C	741	421	462
24	8	PzS	640	8TTM435	C	957	421	462
24	2	PzS	180	2TTM500	C	303	421	537
24	7	PzS	630	7TTM500	C	849	421	537
24	8	PzS	720	8TTM500	C	957	421	537
24	2	PzS	230	2TTM565	C	303	421	627
24	3	PzS	345	3TTM565	C	411	421	627
24	4	PzS	460	4TTM565	C	519	421	627
24	5	PzS	575	5TTM565	C	627	421	627
24	6	PzS	690	6TTM565	C	741	421	627
24	7	PzS	805	7TTM565	C	849	421	627
24	8	PzS	920	8TTM565	C	957	421	627
24	2	PzS	250	2TTM600	C	303	421	627
24	3	PzS	375	3TTM600	C	411	421	627
24	4	PzS	500	4TTM600	C	519	421	627
24	5	PzS	625	5TTM600	C	627	421	627
24	6	PzS	750	6TTM600	C	741	421	627
24	7	PzS	875	7TTM600	C	849	421	627
24	8	PzS	1000	8TTM600	C	957	421	627

Battery dimensions according to Standard DIN 43535 24V

VOLT		DIN CODE		FAAM CODE	Layout DIN	Length (mm)	Width (mm)	Height (mm)
24	3	PzS	420	3TTM725	C	415	425	784
24	4	PzS	560	4TTM725	C	523	425	784
24	5	PzS	700	5TTM725	C	631	425	784
24	8	PzS	1120	8TTM725	C	960	425	784
24	3	PzS	465	3TTM745	C	415	425	784
24	4	PzS	620	4TTM745	C	523	425	784
24	5	PzS	775	5TTM745	C	631	425	784
24	8	PzS	1240	8TTM745	C	960	425	784

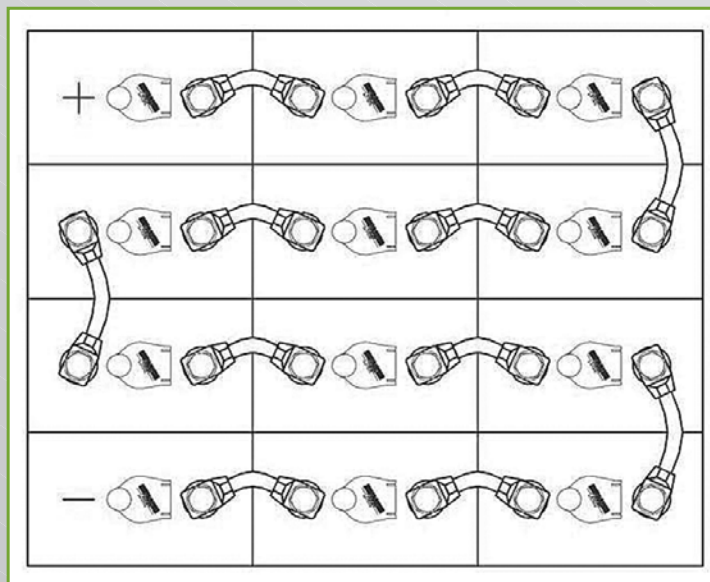


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24V configuration A

Source: 24 V DIN 43535, electric scheme

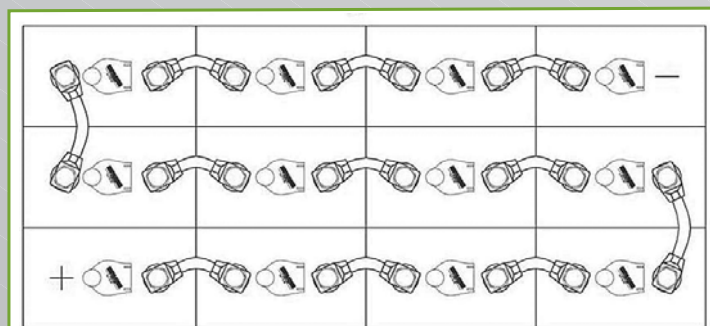


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24V configuration B

Source: 24 V DIN 43535, electric scheme



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24V configuration C

Source: 24 V DIN 43535, electric scheme

Battery dimensions according to Standard DIN 43531 48V

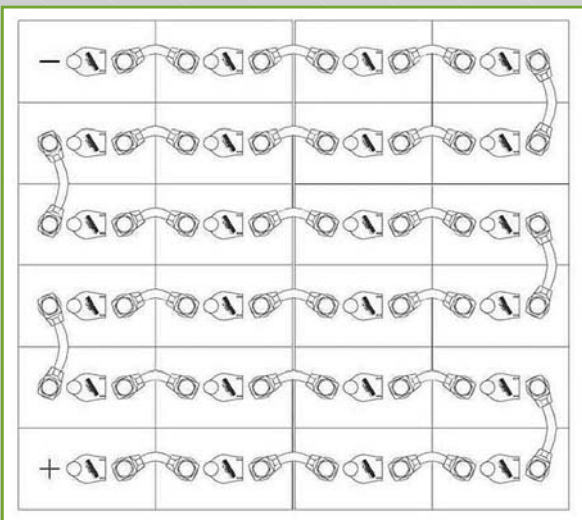
VOLT	DIN CODE			FAAM CODE	Layout DIN	Lenght (mm)	Width (mm)	Height (mm)
48	2	PzS	160	2TTM435	A	827	303	462
48	3	PzS	240	3TTM435	A	827	411	462
48	4	PzS	320	4TTM435	A	827	519	462
48	5	PzS	400	5TTM435	A	827	627	462
48	6	PzS	480	6TTM435	A	827	735	462
48	7	PzS	560	7TTM435	A	827	843	462
48	8	PzS	640	8TTM435	A	827	951	462
48	4	PzS	360	4TTM500	A	827	519	537
48	5	PzS	450	5TTM500	A	827	627	537
48	6	PzS	540	6TTM500	A	827	735	537
48	7	PzS	630	7TTM500	A	827	843	537
48	8	PzS	720	8TTM500	A	827	951	537
48	3	PzS	345	3TTM565	A	827	411	627
48	4	PzS	460	4TTM565	A	827	519	627
48	5	PzS	575	5TTM565	A	827	627	627
48	6	PzS	690	6TTM565	A	827	735	627
48	7	PzS	805	7TTM565	A	827	843	627
48	8	PzS	920	8TTM565	A	827	951	627
48	3	PzS	375	3TTM600	A	827	411	627
48	4	PzS	500	4TTM600	A	827	519	627
48	5	PzS	625	5TTM600	A	827	627	627
48	6	PzS	750	6TTM600	A	827	735	627
48	7	PzS	875	7TTM600	A	827	843	627
48	8	PzS	1000	8TTM600	A	827	951	627
48	3	PzS	420	3TTM725	A	832	413	784
48	4	PzS	560	4TTM725	A	832	523	784
48	5	PzS	700	5TTM725	A	832	630	784
48	6	PzS	840	6TTM725	A	832	739	784
48	3	PzS	465	3TTM745	A	832	413	784
48	4	PzS	620	4TTM745	A	832	523	784
48	5	PzS	775	5TTM745	A	832	630	784
48	6	PzS	930	6TTM745	A	832	739	784
48	4	PzS	320	4TTM435	B	1027	436	462
48	5	PzS	400	5TTM435	B	1027	526	462
48	6	PzS	480	6TTM435	B	1027	616	462
48	7	PzS	560	7TTM435	B	1027	706	462
48	8	PzS	640	8TTM435	B	1027	796	462
48	4	PzS	360	4TTM500	B	1027	436	537
48	5	PzS	450	5TTM500	B	1027	526	537
48	6	PzS	540	6TTM500	B	1027	616	537
48	7	PzS	630	7TTM500	B	1027	706	537
48	8	PzS	720	8TTM500	B	1027	796	537
48	3	PzS	345	3TTM565	B	1027	346	627
48	4	PzS	460	4TTM565	B	1027	436	627
48	5	PzS	575	5TTM565	B	1027	526	627
48	6	PzS	690	6TTM565	B	1027	616	627
48	7	PzS	805	7TTM565	B	1027	706	627
48	8	PzS	920	8TTM565	B	1027	796	627

Battery dimensions according to Standard DIN 43531 48V

VOLT	DIN CODE		FAAM CODE	Layout DIN	Length (mm)	Width (mm)	Height (mm)	
48	3	PzS	375	3TTM600	B	1027	346	627
48	4	PzS	500	4TTM600	B	1027	436	627
48	5	PzS	625	5TTM600	B	1027	526	627
48	6	PzS	750	6TTM600	B	1027	616	627
48	7	PzS	875	7TTM600	B	1027	706	627
48	8	PzS	1000	8TTM600	B	1027	796	627
48	3	PzS	420	3TTM725	B	1032	350	784
48	4	PzS	560	4TTM725	B	1032	440	784
48	5	PzS	700	5TTM725	B	1032	530	784
48	6	PzS	840	6TTM725	B	1032	620	784
48	8	PzS	1120	8TTM725	B	1032	800	784
48	3	PzS	465	3TTM745	B	1032	350	784
48	4	PzS	620	4TTM745	B	1032	440	784
48	5	PzS	775	5TTM745	B	1032	530	784
48	6	PzS	930	6TTM745	B	1032	620	784
48	8	PzS	1240	8TTM745	B	1032	800	784
48	3	PzS	420	3TTM725	C	1220	280	784
48	4	PzS	560	4TTM725	C	1220	352	784
48	5	PzS	700	5TTM725	C	1220	424	784
48	6	PzS	840	6TTM725	C	1220	496	784
48	7	PzS	980	7TTM725	C	1220	568	784
48	8	PzS	1120	8TTM725	C	1220	640	784
48	3	PzS	465	3TTM745	C	1220	280	784
48	4	PzS	620	4TTM745	C	1220	352	784
48	5	PzS	775	5TTM745	C	1220	424	784
48	6	PzS	930	6TTM745	C	1220	496	784
48	7	PzS	1085	7TTM745	C	1220	568	784
48	8	PzS	1240	8TTM745	C	1220	640	784

48 V configuration A

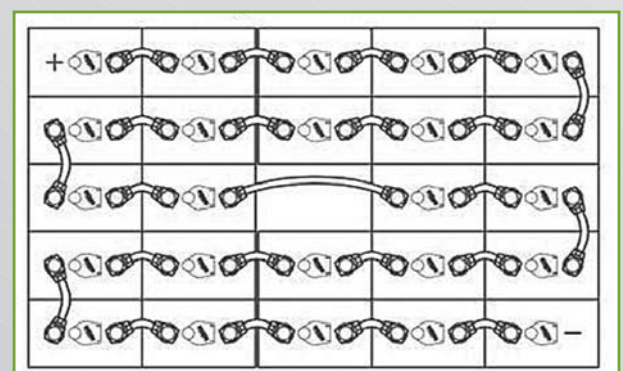
Source: 48 V DIN 43531, electric scheme



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48 V configuration B

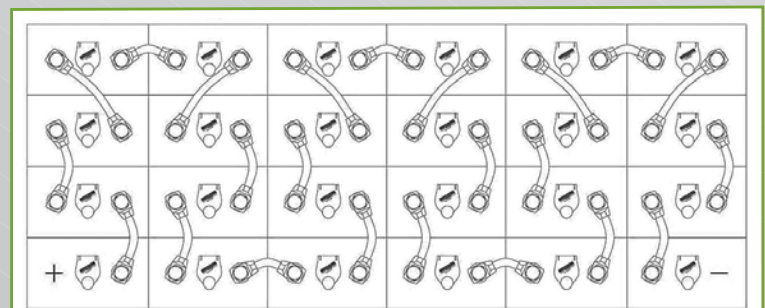
Source: 48 V DIN 43531, electric scheme



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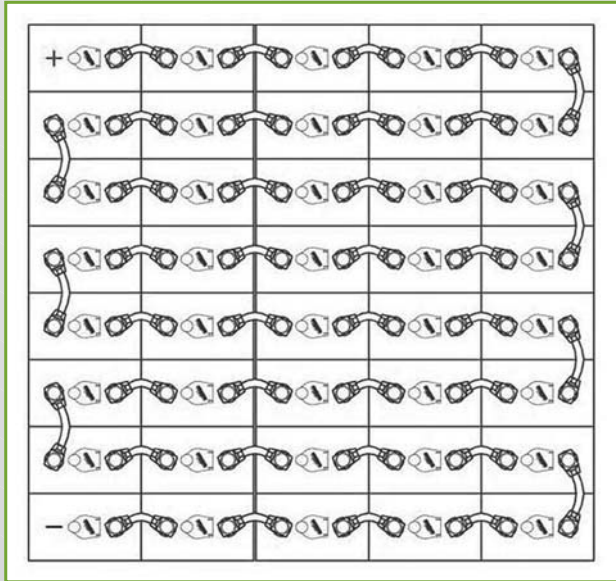
48 V configuration C

Source: 48 V DIN 43531, electric scheme

Battery dimensions according to Standard DIN 43536 80V

VOLT	DIN CODE			FAAM CODE	Layout DIN	Lenght (mm)	Width (mm)	Height (mm)
80	3	PzS	240	3TTM435	A	1023	561	462
80	4	PzS	320	4TTM435	A	1023	705	462
80	5	PzS	400	5TTM435	A	1023	849	462
80	6	PzS	480	6TTM435	A	1023	993	462
80	7	PzS	560	7TTM435	A	1031	1137	462
80	8	PzS	640	8TTM435	A	1031	1281	462
80	4	PzS	360	4TTM500	A	1023	705	537
80	5	PzS	450	5TTM500	A	1023	849	537
80	6	PzS	540	6TTM500	A	1023	993	537
80	7	PzS	630	7TTM500	A	1031	1137	537
80	8	PzS	720	8TTM500	A	1031	1281	537
80	3	PzS	345	3TTM565	A	1023	561	627
80	4	PzS	460	4TTM565	A	1023	705	627
80	5	PzS	575	5TTM565	A	1023	849	627
80	6	PzS	690	6TTM565	A	1023	993	627
80	7	PzS	805	7TTM565	A	1031	1137	627
80	8	PzS	920	8TTM565	A	1031	1281	627
80	3	PzS	375	3TTM600	A	1023	561	627
80	4	PzS	500	4TTM600	A	1023	705	627
80	5	PzS	625	5TTM600	A	1023	849	627
80	6	PzS	750	6TTM600	A	1023	993	627
80	7	PzS	875	7TTM600	A	1031	1137	627
80	8	PzS	1000	8TTM600	A	1031	1281	627
80	3	PzS	420	3TTM725	A	1025	564	784
80	4	PzS	560	4TTM725	A	1025	708	784
80	5	PzS	700	5TTM725	A	1025	852	784
80	6	PzS	840	6TTM725	A	1025	996	784
80	7	PzS	980	7TTM725	A	1034	1140	784
80	3	PzS	465	3TTM745	A	1025	564	784
80	4	PzS	620	4TTM745	A	1025	708	784
80	5	PzS	775	5TTM745	A	1025	852	784
80	6	PzS	930	6TTM745	A	1025	996	784
80	7	PzS	1085	7TTM745	A	1034	1140	784
80	2	PzS	160	2TTM435	B	841	513	462
80	3	PzS	240	3TTM435	B	841	693	462
80	4	PzS	320	4TTM435	B	841	873	462
80	5	PzS	400	5TTM435	B	841	1061	462
80	3	PzS	270	3TTM500	B	841	693	537
80	4	PzS	360	4TTM500	B	841	873	537
80	5	PzS	450	5TTM500	B	841	1061	537
80	3	PzS	345	3TTM565	B	841	693	627
80	4	PzS	460	4TTM565	B	841	873	627
80	5	PzS	575	5TTM565	B	841	1061	627
80	3	PzS	375	3TTM600	B	841	693	627
80	4	PzS	500	4TTM600	B	841	873	627
80	5	PzS	625	5TTM600	B	841	1061	627

Battery dimensions according to Standard DIN 43536 80V

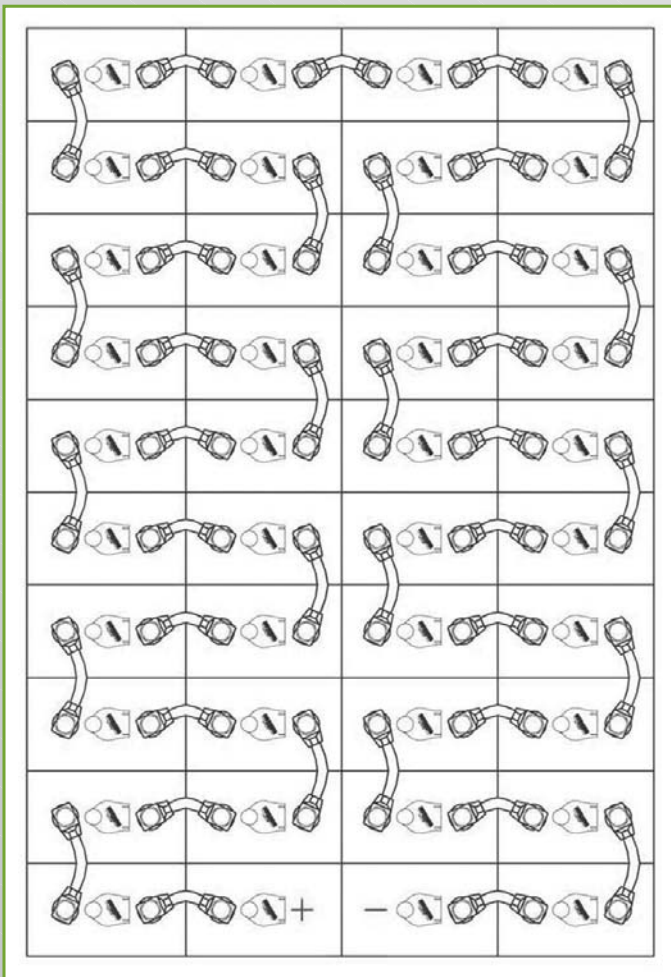


W

80 V configuration A

Source: 80 V DIN 43536, electric scheme

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W

80 V configuration B

Source: 80 V DIN 43536, electric scheme

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MOTIVE POWER



This catalogue cancels and replaces the previous one. FIB srl reserves the right to modify at any time and without prior notice the information contained in this catalogue.

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