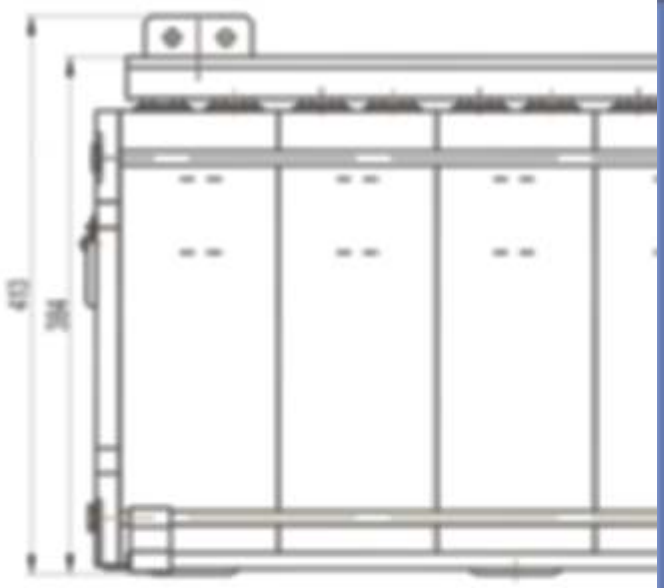
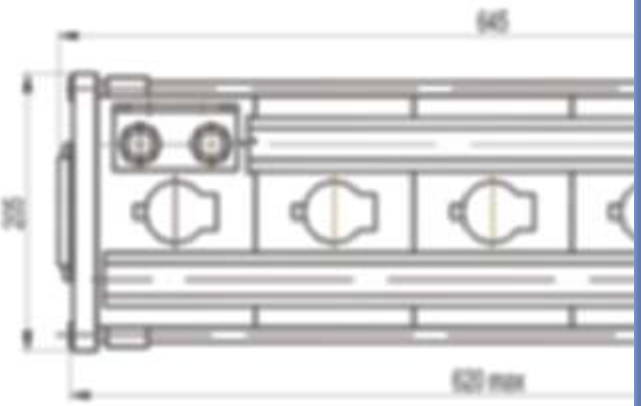
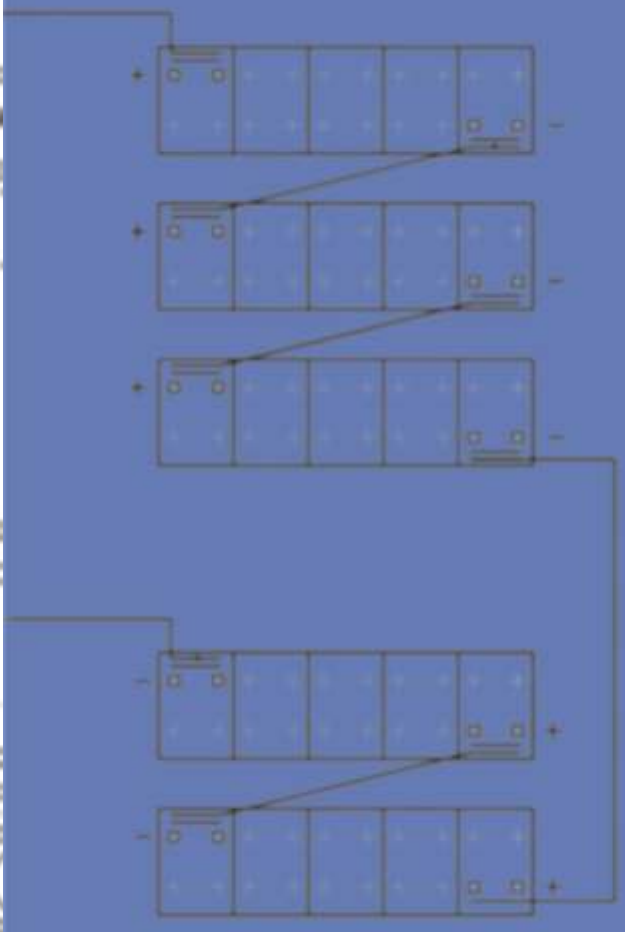
ISO 9001:2000

Zavod AIT

Nickel-Cadmium cells and batteries







AIT Ni-Cd cells and batteries

Quality in everything we do

Contents

We work for opportunety in full volume and for reasonable price to provide with modern cell batteries all, whose activity is supposed to use reliable power sources. Equipping by modern means of designing allows constantly enlarging the nomenclature of output goods, thus reaching the decreasing of operating costs and lowering the laboriousness of service. Modern equipment of the plant laboratories allows controlling all production processes with high degree of reliability.

Quality Management System, introduced in the production, conforms the requirement of international standard ISO 9001:2000, that is affirmed by the Lloyd's Register, England.

Service of quality in the plant conducts guarantee supervision and follow the condition of products during exploitation.

Having large scientific and production potential, using domestic materials, having own production of active mass and componentry, having the technology of utilization of spent nickel-cadmium cells, JSC "ZAVOD AIT" can fulfill any demands of a customer. The best argument of our native approach to business is positive responses from exploitation organizations about the reliability and service life of our products.

Total reliability

Construction

Alkaline nickel-cadmium cells consists of lamellar positive oxide-nickel and negative cadmium electrodes, divided by plastic separators, which provide stable spark gap and free circulation of electrolyte.

Cell electrodes are connected with terminal by bolted ore welded connection. The terminals are deduced from the openings in cell cover and fastened by nuts. Terminal packing are fulfilled by packing ring.

On cell cover there is a sign of polarity, "+", the terminals "+" and "-" are marked by colored marking of the rings.

On cell cover there is a filling opening (neck) for filling electrolyte, closed by plug with opening cover.
Block of electrodes is put into steel or plastic box.

Long life cycle

AIT Ni-Cd's high quality construction, large electrolyte reserve, low maintenance, long service intervals and advanced plate technology add up to 20 years reliable service at a significantly lower cost than lead acid.

Advantages of NI-CD cells

Range of limiting temperatures of environment: From - 40°C till +40°C.

Conservation of working capacity after a long being at temperature till -60°C.

Resistance to mechanical loadings, working capacity after deep discharge, short circuits, long storage.

Possibility of momentary breakdown is excepted.

Cells correspond to the requirements of International Electric Standard (IEC-623).

Improved active mass of the cells allows the cells to be charged at voltage not more than 1,5 V per cell by activity in a buffer mode (in parallels with generator or stabilizer) and at the same time in 3-4 times water discharge is reduced, and, therefore periodicity of service (not more than once per 3 months).

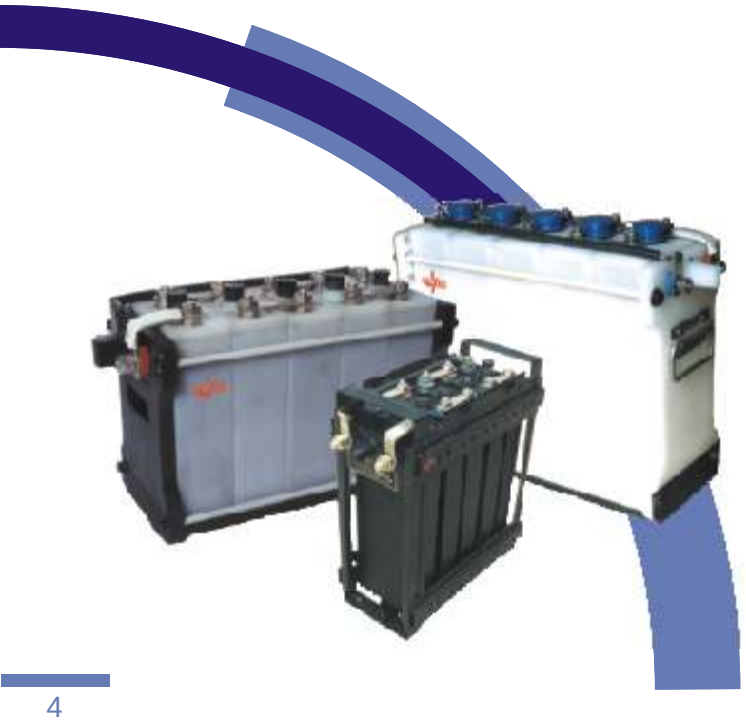
Translucent vessel of the cells allows to conduct visual control of electrolyte level, on the vessel of cell the hazards of minimum and maximum levels of electrolyte are marked.

Bolt connection of cell electrodes allows to carry out the repair (reassembly)

Wide application range

KPH Range

- combustion engine starting and diesel-electric units
- powering diesel and electric locomotive on-board applications
- supplying the electrical system on trams, for lighting, electromagnetic brakes and door opening duties
- electrical systems where short, extremely high current consumption is necessary



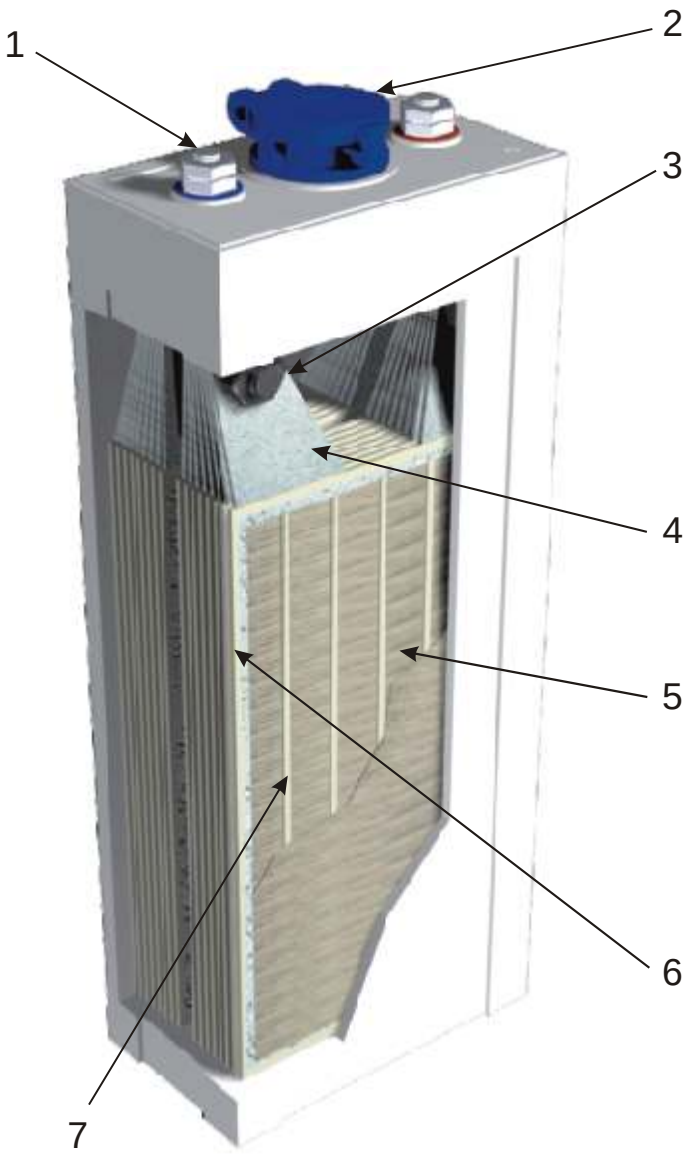
KPM Range

- platform cars
- brake systems
- lighting of railway carriages and locomotives
- other power backup applications

KPL Range

- signalling equipment
- stationary and portable lighting equipment
- ltelecommunications
- emergency lighting for buildings

Construction features



1. Terminal.
For taking off a current, is a terminal for connecting cells.

2. Plug.
Provides comfort filling of electrolyte and free outlet of gases upon charging.

3. Welded or bolted connection for KL and KM types and bolted connection for KH type.
Connects electrodes and provides current transfer from the electrodes to terminal.

4. Contact banks.
Welded to electrode and provide taking off a current from the electrodes.

5. Electrode.
Consists of horizontally located lamellas, contains active material, pun into steel perforated band.

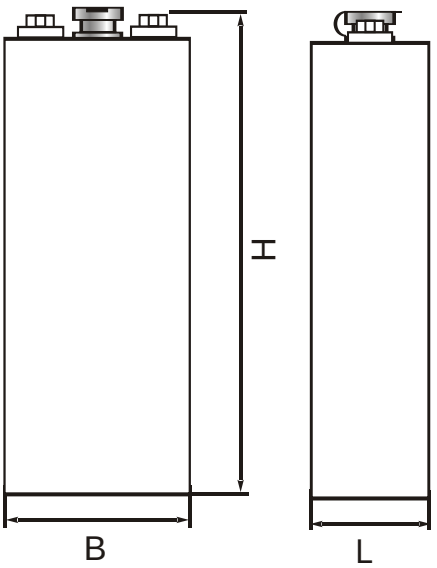
6. Rib.
Provides rigidity of electrode and current transfer to contact bank.

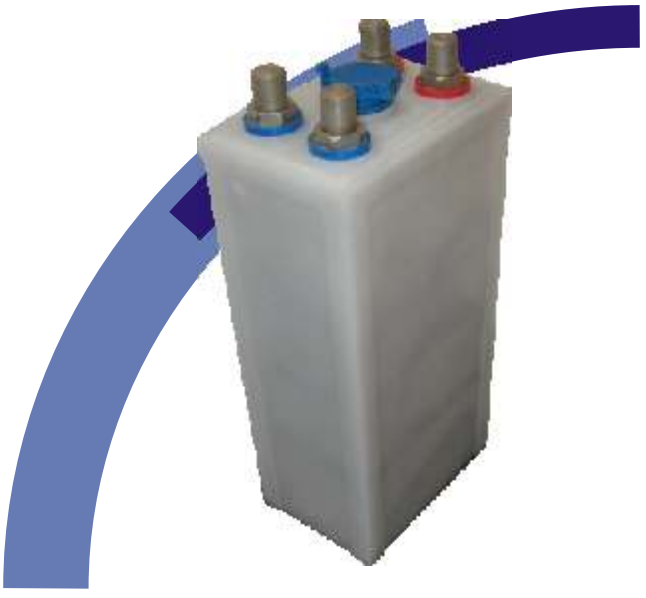
7. Frame separator.
Divides positive and negative electrodes, provides free circulation of electrolyte between the electrodes.

H Range

Cell capacities and dimensions

Cell type	Capacity (C_5 Ah)	Dimensions (mm) B	L	H	Cell connection bolt per pole	Amount of electrolyte (L)	Weight without electrolyte (kg)
KPH 70 P	70	127	62,5	282	M14	0,5	3,5
KPH 80 P	80	137	78	360	M14	1,3	4,2
KPH 100 P	100	137	113	327	M16	1,3	5,0
KPH 130 P	130	137	113	327	M16	1,7	6,5
KPH 150 P	150	171	118	370	M20	1,8	9,5
KPH 200 P	200	171	118	370	M20	1,8	10,1
KPH 210 P	210	171	118	370	M20	1,8	10,1
KPH 220 P	220	171	174	370	M20	3,9	11,6
KPH 245 P	245	171	174	370	M20	3,8	12,5



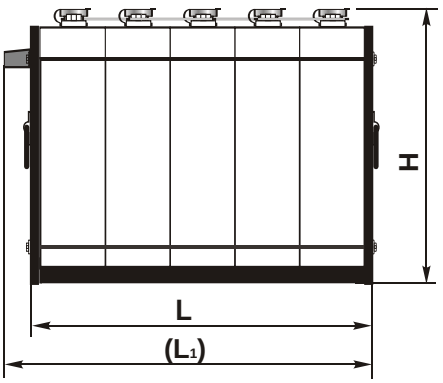


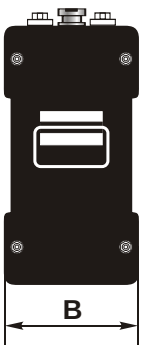
H Range

Battery crate dimensions

Cell type	Weight including crate and electrolyte (kg)				Dimensions of plywood crate (mm)					
							L(L1*)			
	2 cells	3 cells	4 cells	5 cells	H	B	2 cells	3 cells	4 cells	5 cells
KPH 70 P	9,4	13,6	17,8	22	295	150	155	218	280	343
KPH 80 P	17	23	29	35	370	170	192(230*)	270(308*)	348(386*)	426(464*)
KPH 100 P	18,1	24,9	31,7	38,5	339	170	262(300*)	375(413*)	488(526*)	601(639*)
KPH 130 P	21,6	30,4	39,2	48	339	170	262(300*)	375(413*)	488(526*)	601(639*)
KPH 150 P	35	47	59	71	413	205	270	388	506	624
KPH 200 P	36,2	48,8	61,4	74	413	205	270	388	506	624
KPH 210 P	36,2	48,8	61,4	74	413	205	270	388	506	624
KPH 220 P	40,6	57,3	-	-	380	205	382(437*)	556(611*)	-	-
KPH 245 P	42	59,4	-	-	380	205	382(437*)	556(611*)	-	-

Cell type	Weight including crate and electrolyte (kg)					Dimensions of plywood crate (mm) L(L1*)				
	6cells	7cells	8cells	9cells	10cells	6 cells	7 cells	8 cells	9 cells	10 cells
KPH 70 P	26,2	30,4	34,6	38,8	43	420	483	545	608	670
KPH 80 P	41	47	53	59	65	522(560*)	600(638*)	678(716*)	756(794*)	834(872*)






KPH150P
KPH200P
KPH210P

L1 - overall dimension with the outlets to the end wall.

Cells consist of positive and negative electrodes of lamella construction, separated between by plastic separator. Block of electrodes is placed into vessel, made from copolymer of polypropylene. Cell cover is provided with vent plug.

H Range

Cell performance data

Performance for fully charged cells by a constant current charge according to IEC 60623 standard

Available amperes at + 20ºC ± 5ºC — Final voltage: 1.00 V/cell

Cell type	Capacity (C_5 Ah)	Hours				Minutes								Seconds			
		8 h	5 h	3 h	2 h	90 min	60 min	30 min	20 min	15 min	10 min	5 min	1 min	30 s	15 s	5 s	1 s
KPH 70 P	70	9,06	14,5	23,45	34,1	44,5	65,25	123	165	194	230	278	413	457	500	551	616
KPH 80 P	80	11,2	18,2	29,8	41	53,3	79,2	147	198	243	289	357	490	547	611	680	758
KPH 100 P	100	13,8	22,3	37,3	51,2	65,6	99,1	181	245	291	343	442	585	661	730	835	940
KPH 130P	130	17,2	27,5	44,4	64,4	83,4	121	220	293	341	404	528	715	784	866	976	1100
KPH 150 P	150	19,1	30,2	48,6	70,5	90,2	133	242	319	374	440	578	779	856	947	1070	1219
KPH 200 P	200	25	40	64,6	94	121	176	320	426	496	588	768	995	1140	1260	1390	1590
KPH 210 P	210	27	42,4	68,5	99,3	130	190	340	451	523	620	805	1090	1190	1320	1480	1650
KPH 220 P	220	28,9	45,6	73,4	108,2	143	206	366	485	561	660	865	1170	1302	1411	1593	1790
KPH 245 P	245	30,9	49,8	79,5	118	155	223	399	528	614	722	940	1270	1391	1535	1730	1949

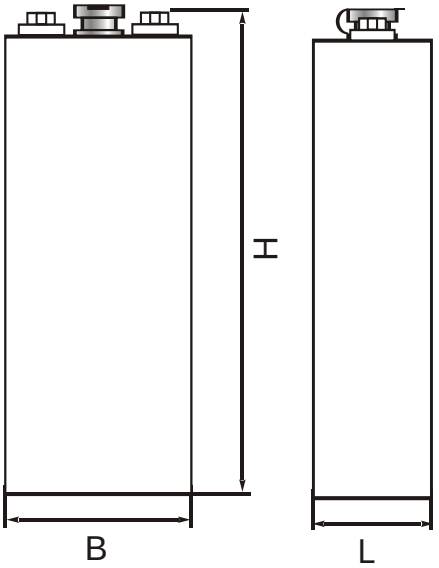
Available amperes at + 20ºC ± 5ºC — Final voltage: 0.65 V/cell

Cell type	Capacity (C_5 Ah)	Seconds					
		90 s	60 s	30 s	15 s	5 s	1 s
KPH 70 P	70	768	812	870	942	1044	1174
KPH 80 P	80	920	980	1070	1154	1283	1395
KPH 100 P	100	1110	1202	1295	1422	1557	1642
KPH 130 P	130	1320	1402	1512	1677	1870	1952
KPH 150 P	150	1448	1532	1653	1833	2044	2230
KPH 200 P	200	1905	2020	2180	2410	2681	2939
KPH 210 P	210	1997	2123	2295	2540	2890	3107
KPH 220 P	220	2165	2313	2497	2755	3103	3342
KPH 245 P	245	2361	2508	2706	2995	3342	3687

M Range

Cell capacities and dimensions

Cell type	Capacity (C_5 Ah)	Dimensions (mm)			Cell connection bolt per pole	Amount Of electrolyte (L)	Weight without electrolyte (kg)
		W	L	H			
KPM 50 P	50	127	62,5	282	M14	0,71	2,95
KPM 100 P	100	137	78	360	M10	1,92	4,5
KPM 140 P	140	137	113	327	M16	1,7	6,5
KPM 160 P	160	171	118	370	M20	3,2	7,6
KPM 180 P	180	171	118	370	M20	3	8
KPM 210 P	210	171	118	370	M20	2,8	8,6
KPM 250 P	250	172	119	405	M20	2,5	11
KPM 300 P	300	171	174	370	M20	3,6	13,6
KPM 320 P	320	171	174	370	M20	3,5	14,1

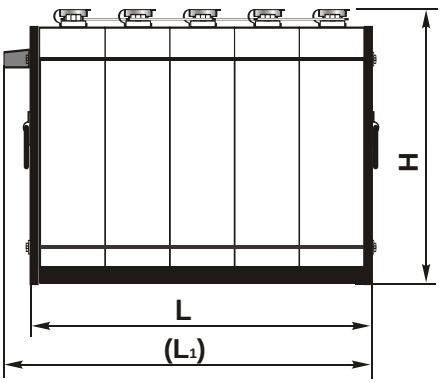


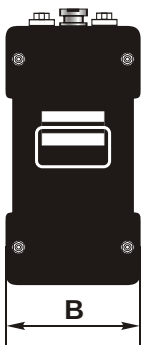
M Range

Battery crate dimensions

Cell type	Weight including crate and electrolyte (kg)				Dimensions of plywood crate (mm)					
							L(L1*)			
	2 cells	3 cells	4 cells	5 cells	H	B	2 cells	3 cells	4 cells	5 cells
KPM 50 P	8,8	12,7	16,6	20,5	295	150	155	218	280	343
KPM 100 P	17,6	23,9	30,2	36,5	370	170	192	270	348	426
KPM 140 P	21,6	30,4	39,2	48	338	170	262	375	488	601
KPM 160 P	33,9	45,6	57,3	69	384	205	270	388	506	624
KPM 180 P	34,3	46,2	58,1	70	384	205	270	388	506	624
KPM 210 P	35,1	47,4	59,7	72	384	205	270	388	506	624
KPM 250 P	38	52,3	66,6	80,9	419	205	272	391	510	629
KPM 300 P	43,8	62,1	-	-	380	205	382(437*)	556(611*)	-	-
KPM 320 P	44,4	63,3	-	-	380	205	382(437*)	556(611*)	-	-

Cell type	Weight including crate and electrolyte (kg)					Dimensions of plywood crate (mm) L(L1*)				
	6cells	7cells	8cells	9cells	10cells	6 cells	7 cells	8 cells	9 cells	10 cells
KPM 50 P	24,4	28,3	32,2	36,1	40	420	483	545	608	670
KPM 100 P	42,8	49,1	55,4	61,7	68	522	600	678	756	834






KPM100P

L1 - overall dimension with the outlets to the end wall.

Cells consist of positive and negative electrodes of lamella construction, separated between by plastic separator. Block of electrodes is placed into vessel, made from copolymer of polypropylene. Cell cover is provided with vent plug.

M Range

Cell performance data

Performance for fully charged cells by a constant current charge according to IEC 60623 standard

Available amperes at + 20ºC ± 5ºC — Final voltage: 1.15 V/cell

Cell type	Capacity (C_5 Ah)	Hours					Minutes					
		10 h	8 h	5 h	3 h	2 h	90 min	60 min	30 min	20 min	10 min	5 min
KPM50P	50	5,08	6,30	9,87	14,9	20,0	23,5	26,5	33,9	36,2	40,8	46,4
KPM100P	100	10,2	12,6	20,0	28,0	37,6	42,6	50,1	64,0	68,6	76,0	80,7
KPM140P	140	14,2	17,6	27,9	39,9	51,9	58,1	67,3	82,6	90,8	101	111
KPM160P	160	16,3	20,2	31,9	45,6	59,3	66,3	77,5	93,8	103	115	128
KPM180P	180	18,3	22,7	33,3	48,3	60,9	74,5	87,4	105	116	130	143
KPM210P	210	21,3	26,5	38,9	56,3	71,0	86,7	101	123	136	151	167
KPM250P	250	25,4	31,5	46,2	65,0	84,5	103	116	141	155	173	191
KPM300P	300	30,5	37,8	55,4	80,0	104	135	149	181	195	219	237
KPM320P	320	32,5	40,3	59,1	85,3	111	144	159	193	207	234	253

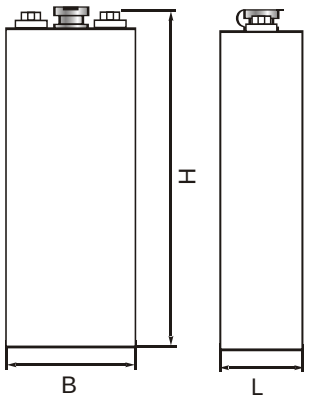
Available amperes at + 20ºC ± 5ºC — Final voltage: 1.00 V/cell

Cell type	Capacity (C_5 Ah)	Hours					Minutes					
		10 h	8 h	5 h	3 h	2 h	90 min	60 min	30 min	20 min	10 min	5 min
KPM50P	50	5,33	6,62	10,5	17,0	24,3	31,5	41,0	56,1	62,1	76,0	83,5
KPM100P	100	10,7	13,2	21,0	33,6	47,6	61,3	83,4	116	126	143	153
KPM140P	140	14,9	18,5	29,4	47,0	66,4	86,5	119	167	182	202	219
KPM160P	160	17,0	21,2	33,6	53,8	75,8	98,5	136	191	207	231	251
KPM180P	180	19,2	23,8	37,8	61,1	85,2	114	142	216	233	260	282
KPM210P	210	22,4	27,8	44,1	71,3	99,5	133	166	251	272	303	329
KPM250P	250	26,7	33,1	57,8	84,8	122	159	194	287	310	347	376
KPM300P	300	32,0	39,7	63,0	102	144	187	235	342	377	423	469
KPM320P	320	34,2	42,3	67,2	109	150	190	250	365	403	452	501

L Range

Cell capacities and dimensions

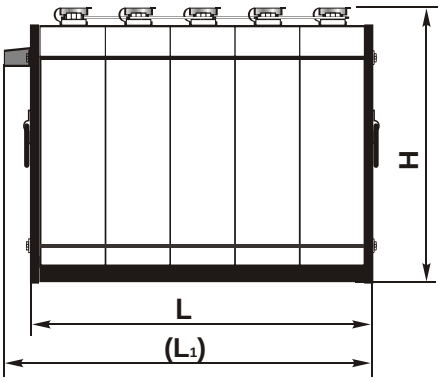
Cell type	Capacity (C_5 Ah)	Dimensions (mm)			Cell connection bolt per pole	Amount of Electrolyte (L)	Weight without electrolyte (kg)
		B	L	H			
KPL 20 P	20	113	59	240	M5	0,8	1,25
KPL 45 P	45	113	59	240	M5	0,6	1,8
KPL 60	60	130	47	352	M10	0,8	3,5
KPL 60 P	60	127	62,5	282	M14	0,7	2,95
KPL 65	65	130	47	352	M10	0,8	3,5
KPL 70 P	70	127	62.5	282	M14	0,7	2,95
KPL 100 P	100	137	78	360	M10	1,4	4
KPL 110 P	110	137	78	360	M10	1,3	4,5
KPL 125 P	125	137	78	360	M10	1,3	4,5
KPL 140 P	140	137	113	327	M16	1,8	6,1
KPL 160 P	160	137	113	327	M16	1,7	6,5
KPL 180 P	180	137	113	327	M16	1,7	6,5
KPL 200 P	200	171	118	370	M20	3,2	7,6
KPL 220 P	220	171	118	370	M20	3	8
KPL 250 P	250	171	118	370	M20	2,8	8,6
KPL 275 P	275	171	118	370	M20	2,8	8,6
KPL 300 P	300	172	119	405	M20	2,7	10,4
KPL 320 P	320	172	119	405	M20	2,5	11
KPL 340 P	340	172	119	405	M20	2,5	11
KPL 375 P	375	171	174	370	M20	3,6	13,6
KPL 400 P	400	171	174	370	M20	3,5	14,1
KPL 420 P	420	171	174	370	M20	3,5	14,1
KPL 450 P	450	172	175	405	M20	4,2	15,5
KPL 500 P	500	172	175	405	M20	4,5	16,1

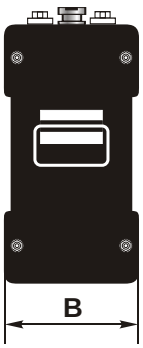


L Range

Battery crate dimensions

Cell type	Weight including crate and electrolyte (kg)				Dimensions of plywood crate (mm)					
							L(L1*)			
	2 cells	3 cells	4 cells	5 cells	H	B	2 cells	3 cells	4 cells	5 cells
KPL 20 P	5,1	7,4	9,7	12	250	138	148	207	266	325
KPL 45 P	5,7	8,3	10,9	13,5	250	138	148	207	266	325
KPL 60	9,7	14,3	18,9	23,5	370	176	148(196*)	202(250*)	256(304*)	310(358*)
KPL 60 P	8,8	12,7	16,6	20,5	295	150	155	218	280	343
KPL 65	9,7	14,3	18,9	23,5	370	176	148(196*)	202(250*)	256(304*)	310(358*)
KPL 70 P	10,3	14,2	18,1	22	295	150	155	218	280	343
KPL 100 P	16,8	22,7	28,6	34,5	370	170	192(230*)	270(308*)	348(386*)	426(464*)
KPL 110 P	17,6	23,9	30,2	36,5	370	170	192(230*)	270(308*)	348(386*)	426(464*)
KPL 125 P	17,6	23,9	30,2	36,5	370	170	192(230*)	270(308*)	348(386*)	426(464*)
KPL 140 P	21,2	29,8	38,4	47	338	170	262	375	488	601
KPL 160 P	21,6	30,4	39,2	48	338	170	262	375	488	601
KPL 180 P	21,6	30,4	39,2	48	338	170	262	375	488	601
KPL 200 P	34,4	46,1	57,8	69,5	384	205	270	388	506	624
KPL 220 P	34,8	46,7	58,6	70,5	384	205	270	388	506	624
KPL 250 P	37,1	49,4	61,7	74	384	205	270	388	506	624
KPL 275 P	37,1	49,4	61,7	74	384	205	270	388	506	624
KPL 300 P	36,3	50,2	64,1	78	419	205	272	391	510	629
KPL 320 P	37,1	51,4	65,7	80	419	205	272	391	510	629
KPL 340 P	37,1	51,4	65,7	80	419	205	272	391	510	629
KPL 375 P	40,7	59	-	-	380	205	382(437*)	556(611*)	-	-
KPL 400 P	41,9	60,2	-	-	380	205	382(437*)	556(611*)	-	-
KPL 420 P	41,9	60,2	-	-	380	205	382(437*)	556(611*)	-	-
KPL 450 P	49,5	70	-	-	419	205	384	559	-	-
KPL 500 P	51,5	73,5	-	-	419	205	384	559	-	-





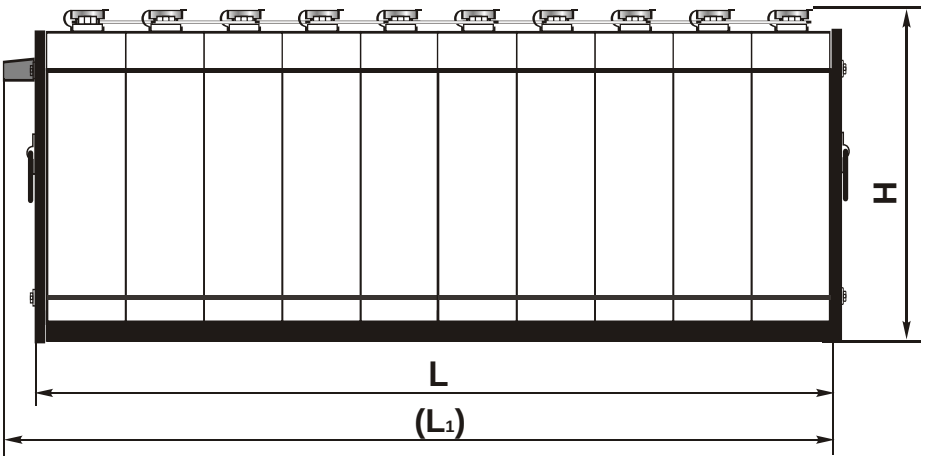
L1 - overall dimension with the outlets to the end wall.

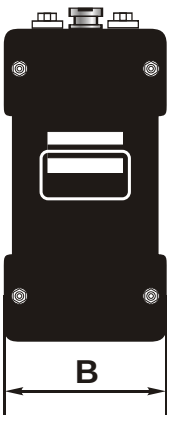
Cells consist of positive and negative electrodes of lamella construction, separated between by plastic separator. Block of electrodes is placed into vessel, made from copolymer of polypropylene. Cell cover is provided with vent plug.

L Range

Battery crate dimensions

Cell type	Weight including crate and electrolyte (kg)					Dimensions of plywood crate (mm) L(L1*)				
	6cells	7cells	8cells	9cells	10cells	6 cells	7 cells	8 cells	9 cells	10 cells
KPL 20 P	14,3	16,6	18,9	21,2	23,5	399	458	517	576	635
KPL 45 P	16,1	18,7	21,3	23,9	26,5	399	458	517	576	635
KPL 60	28,1	32,7	37,3	41,9	46,5	382(430*)	436(484*)	490(538*)	544(592*)	598(646*)
KPL 60 P	24,4	28,3	32,2	36,1	40	420	483	545	608	670
KPL 65	28,1	32,7	37,3	41,9	46,5	382(430*)	436(484*)	490(538*)	544(592*)	598(646*)
KPL 70 P	25,9	29,8	33,7	37,6	41,5	420	483	545	608	670
KPL 100 P	40,4	46,3	52,2	58,1	64	522(560*)	600(638*)	678(716*)	756(794*)	834(872*)
KPL 110 P	42,8	49,1	55,4	61,7	68	522(560*)	600(638*)	678(716*)	756(794*)	834(872*)
KPL 125 P	42,8	49,1	55,4	61,7	68	522(560*)	600(638*)	678(716*)	756(794*)	834(872*)





L1 - overall dimension with the outlets to the end wall.

Cells consist of positive and negative electrodes of lamella construction, separated between by plastic separator. Block of electrodes is placed into vessel, made from copolymer of polypropylene. Cell cover is provided with vent plug.

L Range

Cell performance data

Performance for fully charged cells by a constant current charge according to IEC 60623 standard

Available amperes at + 20ºC ± 5ºC

Final voltage: 1.15 V/cell

Cell type	Capacity (C_5 Ah)	Hours					Minutes		
		10 h	8 h	5 h	3 h	2 h	90 min	60 min	30 min
KPL 20 P	20	3,3	5,1	6,7	8,2	10,3	12,3	14,1	16,5
KPL 45 P	45	4,40	5,40	8,30	11,0	14,6	17,0	19,4	22,5
KPL 60	60	5,90	7,20	11,1	14,5	18,4	21,8	25,6	28,7
KPL 60 P	60	5,90	7,20	11,1	14,5	18,4	21,8	25,6	28,7
KPL 65	65	6,40	7,90	12,1	16,0	21,0	24,4	27,9	32,3
KPL 70 P	70	6,90	8,60	13,1	18,2	23,4	26,9	30,1	35,2
KPL 100 P	100	9,30	10,60	13,2	22,1	27,5	30,8	34,9	40,2
KPL 110 P	110	10,4	11,6	15,3	28,0	35,6	40,9	46,2	52,8
KPL 125 P	125	11,8	13,1	18,2	31,7	40,4	46,4	52,4	59,9
KPL 140 P	140	13,2	16,4	24,8	35,6	45,2	52,0	58,8	67,2
KPL 160 P	160	15,2	18,8	28,6	40,0	49,9	56,7	63,4	72,6
KPL 180 P	180	16,3	21,1	31,8	43,5	53,3	56,6	63,4	72,7
KPL 200 P	200	18,9	22,0	35,3	47,2	56,7	63,0	69,2	79,4
KPL 220 P	220	20,6	25,6	38,8	52,0	62,5	69,5	76,6	87,7
KPL 250 P	250	23,4	29,2	44,1	59,0	71,0	79,0	87,0	99,6
KPL 275 P	275	25,2	32,0	47,5	64,3	77,9	87,8	95,3	110,1
KPL 300 P	300	28,5	35,1	53,1	70,8	85,3	94,6	103,7	119,5
KPL 320 P	320	30,8	37,8	56,8	75,1	90,4	99,7	109,6	127,4
KPL 340 P	340	33,1	40,1	59,9	81,1	96,6	106,6	117,8	137,6
KPL 375 P	375	34,4	42,3	65,9	88,2	103	116	129	153
KPL 400 P	400	36,9	44,6	71,3	94,2	111	124	137	163
KPL 420 P	420	38,4	47,4	74,3	99,4	116	131	146	174
KPL 450 P	450	39,9	48,7	77,3	102,6	119,3	134,5	150,6	180
KPL 500 P	500	42,0	50,2	80,2	105,7	122,5	138,1	156,1	185

L Range

Cell performance data

Performance for fully charged cells by a constant current charge according to IEC 60623 standard

Available amperes at + 20ºC ± 5ºC — Final voltage: 1.00 V/cell

Cell type	Capacity (C_5 Ah)	Hours					Minutes		
		10 h	8 h	5 h	3 h	2 h	90 min	60 min	30 min
KPL 20 P	20	3,75	5,1	7,6	11	14,6	18,2	24,5	31
KPL 45 P	45	4,89	5,97	9,70	13,3	17,3	22,0	28,5	41,9
KPL60	60	6,50	7,90	11,8	16,4	22,3	29,2	35,6	55,4
KPL60P	60	6,70	8,30	12,1	18,1	23,1	30,5	37,7	58,1
KPL 65	65	7,07	8,65	13,0	19,3	25,0	31,9	42,5	60,5
KPL 70 P	70	7,80	9,32	14,5	21,9	29,0	36,7	49,2	67,7
KPL100P	100	9,80	12,40	19,3	29,6	39,0	48,4	64,0	97,6
KPL 110 P	110	11,7	13,0	20,6	33,7	44,5	52,2	68,8	111
KPL 125 P	125	13,0	14,9	24,0	39,8	52,8	60,4	73,7	120
KPL 140 P	140	14,6	18,0	28,0	44,6	59,2	67,8	82,1	131
KPL 160 P	160	16,7	20,8	32,0	51,3	65,4	72,2	91,6	135
KPL 180 P	180	18,7	23,3	36,0	57,5	70,5	76,5	101,2	140
KPL 200 P	200	20,7	25,1	40,0	63,8	75,6	80,8	107,2	146
KPL 220 P	220	22,8	26,8	44,0	69,5	82,2	86,6	118,5	161
KPL 250 P	250	25,8	29,6	50,0	79,0	93,5	98,3	128,0	183
KPL 275 P	275	27,6	33,4	55,4	87,6	103,2	108,2	142,3	200
KPL 300 P	300	31,0	37,6	60,0	94,8	112	118	153	219
KPL 320 P	320	33,5	41,0	65,1	101,2	122	131	166	238
KPL 340 P	340	37,0	45,4	70,3	107,6	134	144	178	261
KPL 375 P	375	39,4	48,4	75,0	113	149	158	191	287
KPL 400 P	400	42,0	51,7	80,0	120	159	169	205	306
KPL 420 P	420	44,1	54,2	84,0	126	166	178	224	321
KPL 450 P	450	46,3	56,2	88,3	132	172,6	188	241	342
KPL 500 P	500	48,6	59,8	93,1	137,5	178,2	201	257	363

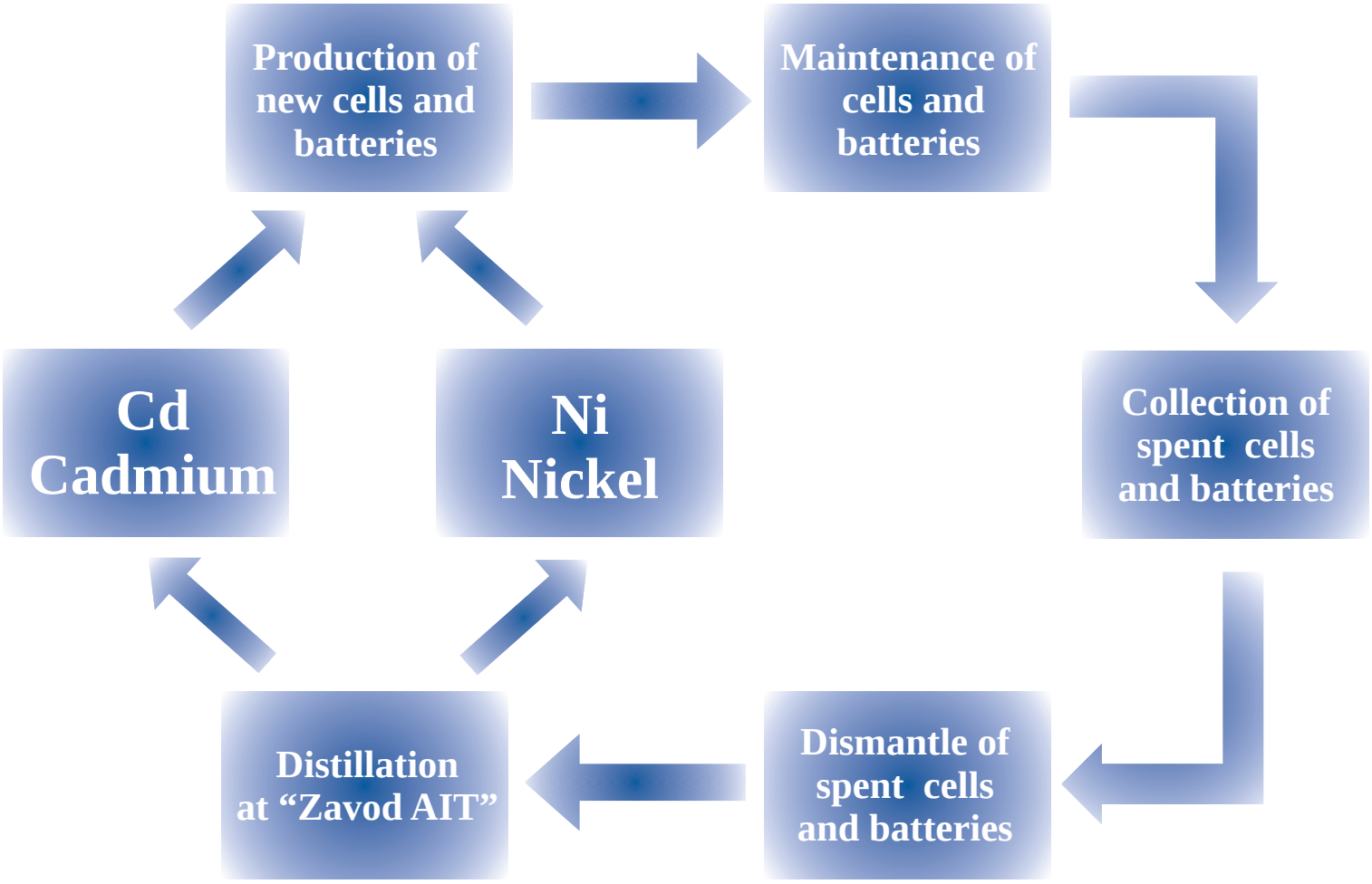
Disposal and recycling

Environmental protection is our top priority, from design and production through end-of-life collection, disposal and recycling, where more than 99% of battery metals are recycled.

The simple and unique nature of the battery components make them readily recyclable.

In partnership with collection agencies worldwide, AIT organizes retrieval from pre-collection points and the recycling of spent batteries.

Ni-Cd batteries must not be discarded as harmless waste and should be treated carefully in accordance with local and national regulations. Our representatives can assist with further information on these regulations and with the overall recycling procedure.



Notes

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