

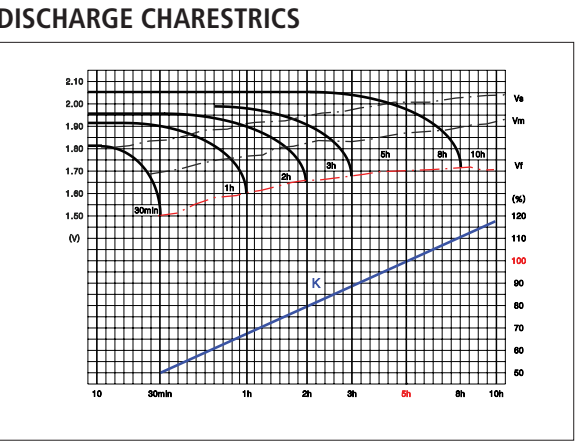
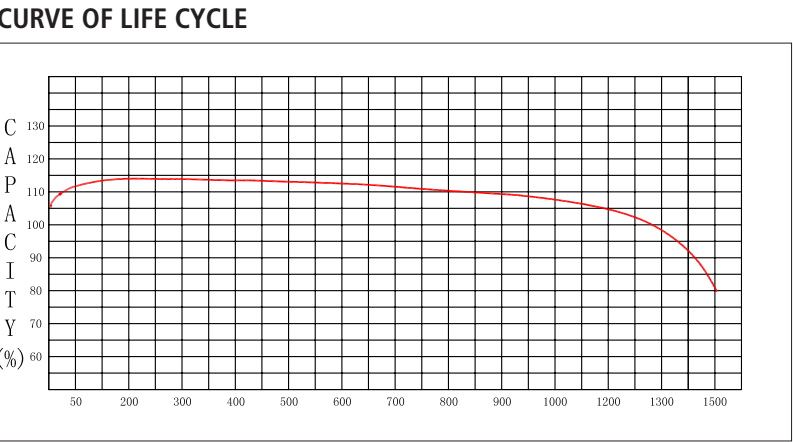
Motive Power Lead Acid Traction Battery

» UKB offers outstanding performance with long lasting life for Forklift, AGV, Mining car, Sweeping car, Electric Locomotive, etc.



- TUBULAR PLATE FORKLIFT TRACTION BATTERY
- BS / DIN MODEL
- APPLICATION
  - ELECTRIC FORKLIFT
  - MINING VEHICLES
  - ELECTRIC RAILWAY TRAILER
- PRODUCTS RANGE
  - 2V , 120AH ~ 1680AH / 5HRS
  - BS MODEL / DIN MODEL
  - LEAD WELDING / BOLT WITH CABLE FIXING
  - CYCLE LIFE : 1,500 CYCLES AT D.O.D 80% DISCHARGE CONDITION

- DISCHARGE CHARACTERISTICS DEPENDS ON DISCHARGE TIME
  - Vm : Medium Discharge Voltage (V)
- V : Initial Discharge Voltage (V)
  - Vs : Final Discharge Voltage (V)
  - K : The "K" curve shows the 5 hour capacity of the cell in %



From the Fig. the value of current (A) in each discharge rate of a storage battery of which 5 hour rate capacity is 400 Ah is as shown below.

- 6 hour rate (6 hr, 1.70VPC) = 400Ah x 1.04C/6 = 69A

3 hour rate (3 hr, 1.65VPC) = 400Ah x 0.85/3 = 133A

1hour rate (1 hr, 1.55VPC) = 400Ah x 1.60C/1 = 240A
- 5 hour rate (5 hr, 1.70VPC) = 400Ah x 1.00C/5 = 80A

2 hour rate (2 hr, 1.65VPC) = 400Ah x 0.75C/2 = 150A

As seen from the above description, the more frequently the fileting work is made or the high speed running is made in the operation of a electric truck, the shorter the available working time of storage battery becomes

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» Traction Battery Technical specifications

Battery Type	Rated Capacity (Ah/5HR)	Overall Dimension				Reference weight(kg)		Post' Q'ty
		L	W	H	H	Dry	Wet	
2PZS 120	120	47	198	360	395	7	9	2
3PZS 180	180	65	198	360	395	9.5	12.5	2
4PZS 240	240	83	198	360	395	12	16	2
5PZS 300	300	101	198	360	395	14.5	19.5	2
6PZS 360	360	119	198	360	395	17	23	2
7PZS 420	420	137	198	360	395	19.5	26.5	2
8PZS 480	480	155	198	360	395	22	30	2
9PZS 540	540	173	198	360	395	24.5	33.5	2/4
10PZS 600	600	191	198	360	395	27	37	2/4
11PZS 660	660	209	198	360	395	29.5	40.5	2/4
12PZS 720	720	227	198	360	395	32	44	4
2PZS 140	140	47	198	405	440	8	10.5	2
3PZS 210	210	65	198	405	440	11	14.5	2
4PZS 280	280	83	198	405	440	14	19	2
5PZS 350	350	101	198	405	440	17	23	2
6PZS 420	420	119	198	405	440	20	27	2
7PZS 490	490	137	198	405	440	23	31	2
8PZS 560	560	155	198	405	440	26	35.5	2/4
9PZS 630	630	173	198	405	440	29	40	2/4
10PZS 700	700	191	198	405	440	32.5	44	2/4
11PZS 770	770	209	198	405	440	36	49	4
12PZS 840	840	227	198	405	440	39	52	4
2PZS 160	160	47	198	450	485	9.5	12.5	2
3PZS 240	240	65	198	450	485	12.5	16.5	2
4PZS 320	320	83	198	450	485	15.5	21	2
5PZS 400	400	101	198	450	485	19	26	2
6PZS 480	480	119	198	450	485	22.5	30.5	2
7PZS 560	560	137	198	450	485	26	35.5	2/4
8PZS 640	640	155	198	450	485	29.5	40.5	2/4
9PZS 720	720	173	198	450	485	33	45	2/4
10PZS 800	800	191	198	450	485	36.5	50.5	4
11PZS 880	880	209	198	450	485	40	55	4
12PZS 960	960	227	198	450	485	43	59	4
2PZS 180	180	47	198	525	560	10	13	2
3PZS 270	270	65	198	525	560	13.5	18	2
4PZS 360	360	83	198	525	560	17	23	2
5PZS 450	450	101	198	525	560	20.5	28	2
6PZS 540	540	119	198	525	560	24	33	2/4
7PZS 630	630	137	198	525	560	27.5	38	2/4
8PZS 720	720	155	198	525	560	31	43	2/4
9PZS 810	810	173	198	525	560	34.5	48	4
10PZS 900	900	191	198	525	560	38	53	4
11PZS 990	990	209	198	525	560	41	57	4
12PZS 1080	1080	227	198	525	560	44	61	4

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Battery Type	Rated Capacity (Ah/5HR)	Overall Dimension				Reference weight(kg)		Post' Q'ty
		L	W	H	H	Dry	Wet	
2PZS 200	200	47	198	560	595	11	14.5	2
3PZS 300	300	65	198	560	595	15	20	2
4PZS 400	400	83	198	560	595	19	25.5	2
5PZS 500	500	101	198	560	595	23	35	2
6PZS 600	600	119	198	560	595	27	37	2/4
7PZS 700	700	137	198	560	595	31	42	2/4
8PZS 800	800	155	198	560	595	35	49	4
9PZS 900	900	173	198	560	595	39	54	4
10PZS 1000	1000	191	198	560	595	43	60	4
11PZS 1100	1100	209	198	560	595	47	65	4
12PZS 1200	1200	227	198	560	595	51	71	4
2PZS 240	240	47	198	690	725	13.5	17.5	2
3PZS 360	360	65	198	690	725	18.5	24.5	2
4PZS 480	480	83	198	690	725	23.5	31.5	2
5PZS 600	600	101	198	690	725	28.5	39	2
6PZS 720	720	119	198	690	725	33.5	46	2/4
7PZS 840	840	137	198	690	725	38.5	53	4
8PZS 960	960	155	198	690	725	43.5	60	4
9PZS 1080	1080	173	198	690	725	48.5	67	4
10PZS 1200	1200	191	198	690	725	53.5	74	4
11PZS 1320	3200	209	198	690	725	58.5	81	4
12PZS 1440	1440	227	198	690	725	63.5	88	4
2PZS 280	280	47	198	720	755	15.5	20	2
3PZS 420	420	65	198	720	755	21	28	2
4PZS 560	560	83	198	720	755	26.5	36	2/4
5PZS 700	700	101	198	720	755	32	44	2/4
6PZS 840	840	119	198	720	755	37.5	51	4
7PZS 980	980	137	198	720	755	43.5	60	4
8PZS 1120	1120	155	198	720	755	50	69	4
9PZS 1260	1260	173	198	720	755	56	78	4
10PZS 1400	1400	191	198	720	755	62	86	4
11PZS 1540	1540	209	198	720	755	68	92	4
12PZS 1680	1680	227	198	720	755	74	98	4

Design and specification are changed without notice.  
Please confirm by contacting to us before you place an order.

