



SUPERIOR POWER — IMPROVED RELIABILITY

Perfect Plus™ battery is our standard flooded lead-acid product line. Engineered with robust tubular vented technology, Perfect Plus™ batteries provide superior power and reliability for lift truck applications ranging from low capacity loading up to heavy-duty, multi-shift work.

Utilizing robust tubular vented technology (PzS) for the positive electrodes, our Perfect Plus™ batteries offer unparalleled efficiency and longevity. Crafted from high-impact, temperature-resistant polypropylene, the cell box and lid are heat-seal welded to ensure zero electrolyte leakage. Featuring fully insulated, halogen-free connectors for easy cell replacement to avoid unnecessary adjustments.

Flip-top plugs with electrolyte level indicators promote safe operation, allowing gases to escape during charging.

HAWKER
perfect plus®



Increased capacity means longer run time.



Integrated plug-and-play power systems with compatible components from one trusted supplier.



System power and performance with ownership costs verified before purchase and a warranty you can count on.

Perfect Plus™ PzS cells with bolt-on connectors, dimensions according to DIN/EN 60254-2 and IEC 254-2 Serie L standards

Cell Designation	Nominal capacity	Length	Width	Overall height	Weight +/-5% with electrolyte
	5- hour Ah	mm	mm	mm	kg
2 PzS 120	120	47	198	370	8.5
3 PzS 180	180	65	198	370	12.0
4 PzS 240	240	83	198	370	15.4
5 PzS 250	250	102	197	313	16.1
5 PzS 300	300	101	198	370	19.0
6 PzS 360	360	119	198	370	22.5
7 PzS 420	420	137	198	370	26.0
8 PzS 480	480	155	198	370	29.5
9 PzS 540	540	174	198	370	33.0
10 PzS 600	600	192	198	370	36.5
2 PzS 160	160	47	198	435	10.0
3 PzS 240	240	65	198	435	14.2
4 PzS 320	320	83	198	435	18.4
5 PzS 400	400	101	198	435	22.6
6 PzS 480	480	119	198	435	26.7
7 PzS 560	560	137	198	435	31.3
8 PzS 640	640	155	198	435	35.1
9 PzS 720	720	174	198	435	39.3
10 PzS 800	800	192	198	435	43.4
2 PzS 180	180	47	198	505	11.9
3 PzS 270	270	65	198	505	17.0
4 PzS 360	360	83	198	505	22.1
5 PzS 450	450	101	198	505	27.1
6 PzS 540	540	119	198	505	32.2
7 PzS 630	630	137	198	505	37.2
8 PzS 720	720	155	198	505	42.3
9 PzS 810	810	174	198	505	47.4
10 PzS 900	900	192	198	505	52.4
2 PzS 210	210	47	198	541	13.5
3 PzS 315	315	65	198	541	19.1
4 PzS 420	420	83	198	541	24.6
5 PzS 525	525	101	198	541	30.5
6 PzS 630	630	119	198	541	36.1
7 PzS 735	735	137	198	541	41.8
8 PzS 840	840	155	198	541	47.4
9 PzS 945	945	174	198	541	53.1
10 PzS 1050	1050	192	198	541	58.4
12 PzS 1260 4P*	1260	227	198	541	65.9
2 PzS 230	230	47	198	575	14.2
3 PzS 345	345	65	198	575	20.3
4 PzS 460	460	83	198	575	26.4
5 PzS 575	575	101	198	575	32.4
6 PzS 690	690	119	198	575	39.0
7 PzS 805	805	137	198	575	44.7
8 PzS 920	920	155	198	575	50.6
9 PzS 1035	1035	174	198	575	56.6
10 PzS 1150	1150	192	198	575	62.7
12 PzS 1380 4P*	1380	227	198	575	73.3
2 PzS 250	250	47	198	600	15
3 PzS 375	375	65	198	600	21.2
4 PzS 500	500	83	198	600	27.4
5 PzS 625	625	101	198	600	33.9
6 PzS 750	750	119	198	600	40.3
7 PzS 875	875	137	198	600	46.5
8 PzS 1000	1000	155	198	600	53.1
9 PzS 1125	1125	174	198	600	59.4
10 PzS 1250	1250	192	198	600	66
10 PzS 1250 4P*	1250	192	198	600	66
12 PzS 1500 4P*	1500	227	198	600	77
2 PzS 280	280	47	198	715	17.5
3 PzS 420	420	65	198	715	24.7
4 PzS 560	560	83	198	715	31.8
5 PzS 700	700	101	198	715	39.3
6 PzS 840	840	119	198	715	46.7
7 PzS 980	980	137	198	715	53.9
8 PzS 1120	1120	155	198	715	61.3
9 PzS 1260	1260	174	198	715	68.6
9 PzS 1260 4P*	1260	174	198	715	68.6
10 PzS 1400	1400	192	198	715	76
10 PzS 1400 4P*	1400	192	198	715	76
12 PzS 1680 4P*	1680	227	198	715	89.3
2 PzS 310	310	47	198	750	18.9
3 PzS 465	465	65	198	750	26.7
4 PzS 620	620	83	198	750	34.6
5 PzS 775	775	101	198	750	42.6
6 PzS 930	930	119	198	750	50.5
7 PzS 1085	1085	137	198	750	58.5
8 PzS 1240	1240	155	198	750	66.4
8 PzS 1240 4P*	1240	155	198	750	66.4
9 PzS 1395	1395	174	198	750	74.4
9 PzS 1395 4P*	1395	174	198	750	74.4
10 PzS 1550 4P*	1550	192	198	750	82.4
10 PzS 1550	1550	192	198	750	82.4
12 PzS 1860 4P*	1860	227	198	750	94.2

* Overlid height = Overall height- 30 mm

* 4P = 4 post cell configuration for high discharge and recharge currents.

Perfect Plus™ PzB cells with bolt-on connectors, dimensions according to IEC 254-2 Serie E standard

Cell Designation	Nominal capacity	Length	Width	Overall height	Weight +/-5% with electrolyte
	5- hour Ah	mm	mm	mm	kg
2 PzB 46	46	45	157,5	230	4.1
3 PzB 69	69	61	157,5	230	5.6
4 PzB 92	92	77	157,5	230	7
5 PzB 115	115	93	157,5	230	8.5
6 PzB 138	138	109	157,5	230	10
2 PzB 64	64	45	157,5	292	5
3 PzB 96	96	61	157,5	292	6.8
4 PzB 128	128	77	157,5	292	8.7
5 PzB 160	160	93	157,5	292	10.6
6 PzB 192	192	109	157,5	292	12.5
7 PzB 224	224	125	157,5	292	14.4
8 PzB 256	256	141	157,5	292	16.2
2 PzB 84	84	45	157,5	358	6.5
3 PzB 126	126	61	157,5	358	8.9
4 PzB 168	168	77	157,5	358	11.4
5 PzB 210	210	93	157,5	358	13.8
6 PzB 252	252	109	157,5	358	16.3
7 PzB 294	294	125	157,5	358	18.8
8 PzB 336	336	141	157,5	358	21.2
2 PzB 110	110	45	157,5	428	7.9
3 PzB 165	165	61	157,5	428	11
4 PzB 220	220	77	157,5	428	14
5 PzB 275	275	93	157,5	428	17.1
6 PzB 330	330	109	157,5	428	20.1
7 PzB 385	385	125	157,5	428	23.2
8 PzB 440	440	141	157,5	428	26.2
9 PzB 495	495	157	157,5	428	29.2
10 PzB 550	550	173	157,5	428	32.3
2 PzB 130	130	45	157,5	484	9.1
3 PzB 195	195	61	157,5	484	12.5
4 PzB 260	260	77	157,5	484	16.1
5 PzB 325	325	93	157,5	484	19.5
6 PzB 390	390	109	157,5	484	23
7 PzB 455	455	125	157,5	484	26.5
8 PzB 520	520	141	157,5	484	30.1
9 PzB 585	585	157	157,5	484	33.5
10 PzB 650	650	173	157,5	484	37
2 PzB 150	150	45	157,5	541	10.3
3 PzB 225	225	61	157,5	541	14.2
4 PzB 300	300	77	157,5	541	18.2
5 PzB 375	375	93	157,5	541	22.2
6 PzB 450	450	109	157,5	541	26.2
7 PzB 525	525	125	157,5	541	30.2
8 PzB 600	600	141	157,5	541	34.2
9 PzB 675	675	157	157,5	541	38.2
10 PzB 750	750	173	157,5	541	42.2
11 PzB 825	825	189	157,5	541	47.8
2 PzB 170	170	45	157,5	597	12.3
3 PzB 255	255	61	157,5	597	17
4 PzB 340	340	77	157,5	597	21.6
5 PzB 425	425	93	157,5	597	26.3
6 PzB 510	510	109	157,5	597	30.9
7 PzB 595	595	125	157,5	597	35.6
8 PzB 680	680	141	157,5	597	40.4
9 PzB 765	765	157	157,5	597	44.8
10 PzB 850	850	173	157,5	597	49.7
11 PzB 935	935	189	157,5	597	54.4
2 PzB 200	200	45	157,5	633	12.9
3 PzB 300	300	61	157,5	633	17.7
4 PzB 400	400	77	157,5	633	22.6
5 PzB 500	500	93	157,5	633	27.5
6 PzB 600	600	109	157,5	633	32.4
7 PzB 700	700	125	157,5	633	37.3
8 PzB 800	800	141	157,5	633	42.2
9 PzB 900	900	157	157,5	633	46.8
2 PzB 210	210	45	157,5	713	14.8
3 PzB 315	315	61	157,5	713	20.4
4 PzB 420	420	77	157,5	713	26.1
5 PzB 525	525	93	157,5	713	31.7
6 PzB 630	630	109	157,5	713	37.3
7 PzB 735	735	125	157,5	713	43
8 PzB 840	840	141	157,5	713	48.7

* Overall height = Overall height- 30 mm

*4P = 4 posts configuration for high discharge and recharge currents