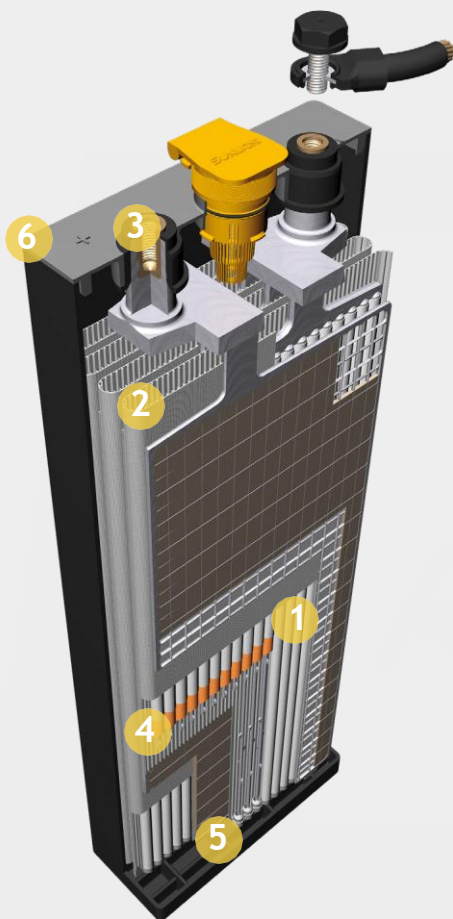


High performance
and durability



Sunlight PzS/PzB Cell



1 Tubular Plate

for long cycle life, endurance, and high power density

2 Separator

Enveloped separator, preventing short-circuits

3 Terminal

Innovative conical design for perfect sealing

4 Sunlight Red Lead

99,99% pure lead for extended service life and full capacity within the first 3-5 cycles performance

5 Bottom Bar

Ultrasonically welded with gauntlets, an advanced design bottom bar provides space for the unavoidable spine growth during operation

6 Dimensional Flexibility

Cell variants available according to DIN (PzS) and BS (PzB) standards

Applications



Forklifts



Floor cleaning equipment



Electric pallet jacks



Lifting platforms



Automated guided vehicles (AGVs)

Sunlight KnoWi Battery Monitoring System

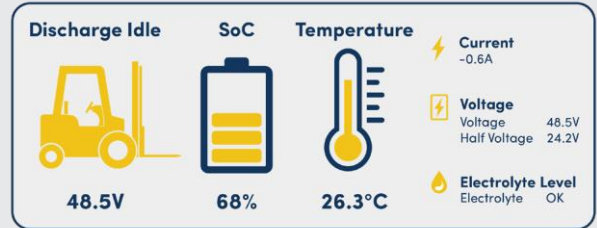
Take absolute control over the battery and forklift performance status with Sunlight KnoWi, the smart BMS



Battery Operation



BMS data capture & upload in GLocal



GLocal Dashboard - Battery and Forklift profile

Sunlight KnoWi and Sunlight GLocal cloud-based platform enable real-time monitoring of critical battery parameters and recommend upgrades to Lithium-ion batteries, by using AI and Machine Learning algorithms, along with an advanced Lithium calculator.

Sunlight PzS/PzB are proven battery solutions with excellent reliability and long service life.



DIN Product Range

Plate Type: 60 Ah

Type Designation	Nominal Capacity (C _s)*	max cell dimensions mm***		Weight in kg**
		b: 198	h1: 343 h2: 370	
		l		
2 PzS 120	120	47		8.5
3 PzS 180	180	65		12.0
4 PzS 240	240	83		15.4
5 PzS 300	300	101		19.0
6 PzS 360	360	119		22.5
7 PzS 420	420	137		26.0
8 PzS 480	480	155		29.5
9 PzS 540	540	174		33.0
10 PzS 600	600	192		36.5

Plate Type: 80 Ah

Type Designation	Nominal Capacity (C _S)*	max cell dimensions mm***		Weight in kg**
		b: 198	h1: 408 h2: 435	
		l		
2 PzS 160	160	47		10.0
3 PzS 240	240	65		14.2
4 PzS 320	320	83		18.4
5 PzS 400	400	101		22.6
6 PzS 480	480	119		26.7
7 PzS 560	560	137		31.3
8 PzS 640	640	155		35.1
9 PzS 720	720	174		39.3
10 PzS 800	800	192		43.4

Plate Type: 90 Ah

Type Designation	Nominal Capacity (Cs)*	max cell dimensions mm***		Weight in kg**
		b: 198	h1: 478 h2: 505	
		l		
2 PzS 180	180	47		11.9
3 PzS 270	270	65		17.0
4 PzS 360	360	83		22.1
5 PzS 450	450	101		27.1
6 PzS 540	540	119		32.2
7 PzS 630	630	137		37.2
8 PzS 720	720	155		42.3
9 PzS 810	810	174		47.4
10 PzS 900	900	192		52.4

Plate Type: 105 Ah

Type Designation	Nominal Capacity (C _s)*	max cell dimensions mm***		Weight in kg**
		b: 198	h1: 514 h2: 541	
		l		
2 PzS 210	210	47		13.5
3 PzS 315	315	65		19.1
4 PzS 420	420	83		24.6
5 PzS 525	525	101		30.5
6 PzS 630	630	119		36.1
7 PzS 735	735	137		41.8
8 PzS 840	840	155		47.4
9 PzS 945	945	174		53.1
10 PzS 1050	1050	192		58.4

Plate Type: 115 Ah

Type Designation	Nominal Capacity (C _S)*	max cell dimensions mm***		Weight in kg**
		b: 198	h1: 548 h2: 575	
		l		
2 PzS 230	230	47		14.2
3 PzS 345	345	65		20.3
4 PzS 460	460	83		26.4
5 PzS 575	575	101		32.4
6 PzS 690	690	119		39.0
7 PzS 805	805	137		44.7
8 PzS 920	920	155		50.6
9 PzS 1035	1035	174		56.6
10 PzS 1150	1150	192		62.7

Plate Type: 125 Ah

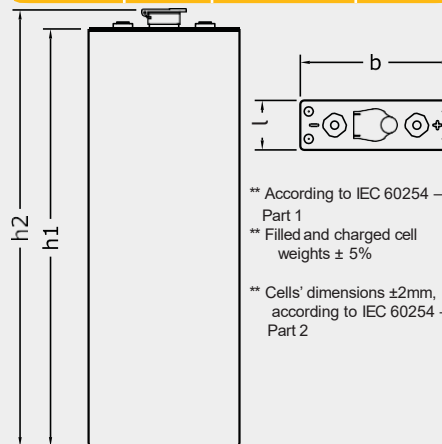
Type Designation	Nominal Capacity (C _s)* Ah	max cell dimensions mm***		Weight in kg**
		b: 198	h1: 568 h2: 595	
		l		
2 PzS 250	250	47		15.0
3 PzS 375	375	65		21.2
4 PzS 500	500	83		27.4
5 PzS 625	625	101		33.9
6 PzS 750	750	119		40.3
7 PzS 875	875	137		46.5
8 PzS 1000	1000	155		53.1
9 PzS 1125	1125	174		59.4
10 PzS 1250	1250	192		66.0

Plate Type: 140 Ah

Type Designation	Nominal Capacity (C _s)*	max cell dimensions mm***		Weight in kg**
		b: 198	h1: 688 h2: 715	
		l		
2 PzS 280	280	47		17.5
3 PzS 420	420	65		24.7
4 PzS 560	560	83		31.8
5 PzS 700	700	101		39.3
6 PzS 840	840	119		46.7
7 PzS 980	980	137		53.9
8 PzS 1120	1120	155		61.3
9 PzS 1260	1260	174		68.6
10 PzS 1400	1400	192		76.0

Plate Type: 155 Ah

Type Designation	Nominal Capacity (C _s)*	max cell dimensions mm***		Weight in kg**
		b: 198	h1: 713 h2: 740	
		l		
2 PzS 310	310	47		18.9
3 PzS 465	465	65		26.7
4 PzS 620	620	83		34.6
5 PzS 775	775	101		42.6
6 PzS 930	930	119		50.5
7 PzS 1085	1085	137		58.5
8 PzS 1240	1240	155		66.4
9 PzS 1395	1395	174		74.4
10 PzS 1550	1550	192		82.4



** According to IEC 60254 – Part 1

** Filled and charged cell weights ± 5%

** Cells' dimensions ±2mm, according to IEC 60254 – Part 2

BS Product Range

Plate Type: 23 Ah****

Type Designation	Nominal Capacity (Cs)* Ah	max cell dimensions mm***		Weight in kg**
		b: 158	h1: 203 h2: 230	
		l		
2 PzB 46	46	45		4.1
3 PzB 69	69	61		5.6
4 PzB 92	92	77		7.0
5 PzB 115	115	93		8.5
6 PzB 138	138	109		10.0

Plate Type: 32 Ah****

Type Designation	Nominal Capacity (Cs)*	max cell dimensions mm***		Weight in kg**
		b: 158	h1: 265 h2: 292	
		l		
2 PzB 64	64	45		5.4
3 PzB 96	96	61		7.3
4 PzB 128	128	77		9.2
5 PzB 160	160	93		11.3
6 PzB 192	192	109		13.2
7 PzB 224	224	125		15.2
8 PzB 256	256	141		17.2

Plate Type: 42 Ah****

Type Designation	Nominal Capacity (C _s)* Ah	max cell dimensions mm***		Weight in kg**
		b: 158	h1: 331 h2: 358	
		l		
2 PzB 84	84	45		6.9
3 PzB 126	126	61		9.4
4 PzB 168	168	77		11.9
5 PzB 210	210	93		14.5
6 PzB 252	252	109		17.1
7 PzB 294	294	125		19.7
8 PzB 336	336	141		22.2

Plate Type: 55 Ah

Type Designation	Nominal Capacity (Cs)* Ah	max cell dimensions mm***		Weight in kg**
		b: 158	h1: 401 h2: 428	
		l		
2 PzB 110	110	45		8.4
3 PzB 165	165	61		11.5
4 PzB 220	220	77		14.6
5 PzB 275	275	93		17.8
6 PzB 330	330	109		20.9
7 PzB 385	385	125		24.0
8 PzB 440	440	141		27.2
9 PzB 495	495	157		30.3
10 PzB 550	550	173		33.3

Plate Type: 65 Ah

Type Designation	Nominal Capacity (Cs)*	max cell dimensions mm***		Weight in kg**
		b: 158	h1: 457 h2: 484	
		l		
2 PzB 130	130	45		9.6
3 PzB 195	195	61		13.2
4 PzB 260	260	77		16.8
5 PzB 325	325	93		20.5
6 PzB 390	390	109		24.1
7 PzB 455	455	125		27.7
8 PzB 520	520	141		31.4
9 PzB 585	585	157		35.0
10 PzB 650	650	173		38.5

Plate Type: 75 Ah

Type Designation	Nominal Capacity (Cs)*	max cell dimensions mm***		Weight in kg**
		b: 158	h1: 514 h2: 541	
		l		
2 PzB 150	150	45		10.9
3 PzB 225	225	61		14.9
4 PzB 300	300	77		19.0
5 PzB 375	375	93		23.1
6 PzB 450	450	109		27.3
7 PzB 525	525	125		31.4
8 PzB 600	600	141		35.6
9 PzB 675	675	157		39.5
10 PzB 750	750	173		43.7

Plate Type: 85 Ah

Type Designation	Nominal Capacity (Cs)* Ah	max cell dimensions mm***		Weight in kg**
		b: 158	h1: 570 h2: 597	
		l		
2 PzB 170	170	45		12.3
3 PzB 255	255	61		17.0
4 PzB 340	340	77		21.6
5 PzB 425	425	93		26.3
6 PzB 510	510	109		30.9
7 PzB 595	595	125		35.6
8 PzB 680	680	141		40.4
9 PzB 765	765	157		44.8
10 PzB 850	850	173		49.7

Plate Type: 100 Ah

Type Designation	Nominal Capacity (Cs)* Ah	max cell dimensions mm***		Weight in kg**
		b: 158	h1: 606 h2: 633	
		l		
2 PzB 200	200	45		12.9
3 PzB 300	300	61		17.7
4 PzB 400	400	77		22.6
5 PzB 500	500	93		27.5
6 PzB 600	600	109		32.4
7 PzB 700	700	125		37.3
8 PzB 800	800	141		42.2
9 PzB 900	900	157		46.8

Plate Type: 105 Ah

Type Designation	Nominal Capacity (Cs)*	max cell dimensions mm***		Weight in kg**
		b: 158	h1: 686 h2: 713	
		l		
2 PzB 210	210	45		14.8
3 PzB 315	315	61		20.4
4 PzB 420	420	77		26.1
5 PzB 525	525	93		31.7
6 PzB 630	630	109		37.3
7 PzB 735	735	125		43.0
8 PzB 840	840	141		48.7



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