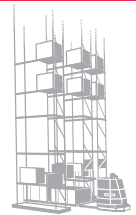
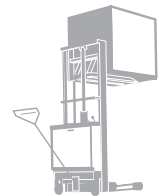




Technische Daten
Technical data
Données techniques
Hawker perfect plus



PzS-Zellen Hawker perfect plus, mit Schraubverbindern, Abmessungen gemäß DIN/EN 60254-2 und IEC 254-2 Serie L
PzS-cells Hawker perfect plus, with bolt-on connectors, dimensions according to DIN/EN 60254-2 and IEC 254-2 Serie L standards
Eléments PzS Hawker perfect plus, à connexions vissées, dimensions conformes aux normes DIN/EN 60254-2 et CEI 254-2 Série L

DIN

| Norm-Bezeichnung | Nennkapazität 5-stündig | Länge | max. Zellenmaße in mm Breite | Höhe | Gewicht in kg +/-5% gefüllt |
|-----------------------|----------------------------------|----------|--|---------|--|
| Cell designation | Nominal capacity 5- hour Ah | Length | max. cell dimensions in mm Width | Height | Weight in kg +/-5% with electrolyte |
| Désignation d'élément | Capacité nominale pour 5 h en Ah | Longueur | Dimensions maxi élément en mm Largeur | Hauteur | Masse en kg +/-5% avec électrolyte |

| | | | | | |
|------------|-----|-----|-----|-----|------|
| 2 PzS 120 | 120 | 47 | 198 | 370 | 8.4 |
| 3 PzS 180 | 180 | 65 | 198 | 370 | 11.8 |
| 4 PzS 240 | 240 | 83 | 198 | 370 | 15.5 |
| 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 | 26.1 |
| 8 PzS 480 | 480 | 155 | 198 | 370 | 29.8 |
| 9 PzS 540 | 540 | 174 | 198 | 370 | 33.5 |
| 10 PzS 600 | 600 | 192 | 198 | 370 | 37.8 |

| | | | | | |
|------------|-----|-----|-----|-----|------|
| 2 PzS 160 | 160 | 47 | 198 | 435 | 9.8 |
| 3 PzS 240 | 240 | 65 | 198 | 435 | 14.0 |
| 4 PzS 320 | 320 | 83 | 198 | 435 | 18.1 |
| 5 PzS 400 | 400 | 101 | 198 | 435 | 22.6 |
| 6 PzS 480 | 480 | 119 | 198 | 435 | 26.6 |
| 7 PzS 560 | 560 | 137 | 198 | 435 | 31.1 |
| 8 PzS 640 | 640 | 155 | 198 | 435 | 35.2 |
| 9 PzS 720 | 720 | 174 | 198 | 435 | 42.1 |
| 10 PzS 800 | 800 | 192 | 198 | 435 | 46.8 |

| | | | | | |
|------------|-----|-----|-----|-----|------|
| 2 PzS 180 | 180 | 47 | 198 | 505 | 12.0 |
| 3 PzS 270 | 270 | 65 | 198 | 505 | 16.9 |
| 4 PzS 360 | 360 | 83 | 198 | 505 | 21.6 |
| 5 PzS 450 | 450 | 101 | 198 | 505 | 26.3 |
| 6 PzS 540 | 540 | 119 | 198 | 505 | 31.1 |
| 7 PzS 630 | 630 | 137 | 198 | 505 | 36.1 |
| 8 PzS 720 | 720 | 155 | 198 | 505 | 40.8 |
| 9 PzS 810 | 810 | 174 | 198 | 505 | 45.5 |
| 10 PzS 900 | 900 | 192 | 198 | 505 | 50.3 |

| | | | | | |
|-------------|------|-----|-----|-----|------|
| 2 PzS 210 | 210 | 47 | 198 | 541 | 13.0 |
| 3 PzS 315 | 315 | 65 | 198 | 541 | 18.5 |
| 4 PzS 420 | 420 | 83 | 198 | 541 | 24.2 |
| 5 PzS 525 | 525 | 101 | 198 | 541 | 29.8 |
| 6 PzS 630 | 630 | 119 | 198 | 541 | 35.4 |
| 7 PzS 735 | 735 | 137 | 198 | 541 | 41.0 |
| 8 PzS 840 | 840 | 155 | 198 | 541 | 46.6 |
| 9 PzS 945 | 945 | 174 | 198 | 541 | 52.2 |
| 10 PzS 1050 | 1050 | 192 | 198 | 541 | 57.8 |

| | | | | | |
|-------------|------|-----|-----|-----|------|
| 2 PzS 230 | 230 | 47 | 198 | 575 | 13.6 |
| 3 PzS 345 | 345 | 65 | 198 | 575 | 19.4 |
| 4 PzS 460 | 460 | 83 | 198 | 575 | 25.2 |
| 5 PzS 575 | 575 | 101 | 198 | 575 | 31.1 |
| 6 PzS 690 | 690 | 119 | 198 | 575 | 36.9 |
| 7 PzS 805 | 805 | 137 | 198 | 575 | 42.7 |
| 8 PzS 920 | 920 | 155 | 198 | 575 | 48.6 |
| 9 PzS 1035 | 1035 | 174 | 198 | 575 | 54.3 |
| 10 PzS 1150 | 1150 | 192 | 198 | 575 | 60.2 |

Höhe über Zelldeckel = maximale Zellenhöhe - 30 mm
 Overlid height = maximum cell height - 30 mm
 Hauteur sur couvercle = hauteur élément max. - 30 mm

PzS-Zellen Hawker perfect plus, mit Schraubverbindern, Abmessungen gemäß DIN/EN 60254-2 und IEC 254-2 Serie L
PzS-cells Hawker perfect plus, with bolt-on connectors, dimensions according to DIN/EN 60254-2 and IEC 254-2 Serie L standards
Eléments PzS Hawker perfect plus, à connexions vissées, dimensions conformes aux normes DIN/EN 60254-2 et CEI 254-2 Série L

DIN

| Norm- Bezeichnung | Nennkapazität 5-stündig | Länge | max. Zellenmaße in mm Breite | Höhe | Gewicht in kg +/-5% gefüllt |
|--------------------------|-------------------------------------|----------|--|---------|--|
| Cell designation | Nominal capacity 5- hour Ah | Length | max. cell dimensions in mm Width | Height | Weight in kg +/-5% with electrolyte |
| Désignation d'élément | Capacité nominale pour 5 h en Ah | Longueur | Dimensions maxi élément en mm Largeur | Hauteur | Masse en kg +/-5% avec électrolyte |

| | | | | | |
|-------------|------|-----|-----|-----|------|
| 2 PzS 250 | 250 | 47 | 198 | 600 | 14.3 |
| 3 PzS 375 | 375 | 65 | 198 | 600 | 20.5 |
| 4 PzS 500 | 500 | 83 | 198 | 600 | 26.9 |
| 5 PzS 625 | 625 | 101 | 198 | 600 | 32.9 |
| 6 PzS 750 | 750 | 119 | 198 | 600 | 39.4 |
| 7 PzS 875 | 875 | 137 | 198 | 600 | 45.8 |
| 8 PzS 1000 | 1000 | 155 | 198 | 600 | 51.5 |
| 9 PzS 1125 | 1125 | 174 | 198 | 600 | 57.7 |
| 10 PzS 1250 | 1250 | 192 | 198 | 600 | 64.0 |

| | | | | | |
|-------------|------|-----|-----|-----|------|
| 2 PzS 280 | 280 | 47 | 198 | 715 | 19.1 |
| 3 PzS 420 | 420 | 65 | 198 | 715 | 25.4 |
| 4 PzS 560 | 560 | 83 | 198 | 715 | 32.9 |
| 5 PzS 700 | 700 | 101 | 198 | 715 | 39.9 |
| 6 PzS 840 | 840 | 119 | 198 | 715 | 47.2 |
| 7 PzS 980 | 980 | 137 | 198 | 715 | 54.8 |
| 8 PzS 1120 | 1120 | 155 | 198 | 715 | 62.3 |
| 9 PzS 1260 | 1260 | 174 | 198 | 715 | 71.0 |
| 10 PzS 1400 | 1400 | 192 | 198 | 715 | 76.7 |

| | | | | | |
|-------------|------|-----|-----|-----|------|
| 2 PzS 310 | 310 | 47 | 198 | 750 | 19.1 |
| 3 PzS 465 | 465 | 65 | 198 | 750 | 25.6 |
| 4 PzS 620 | 620 | 83 | 198 | 750 | 33.6 |
| 5 PzS 775 | 775 | 101 | 198 | 750 | 42.1 |
| 6 PzS 930 | 930 | 119 | 198 | 750 | 50.1 |
| 7 PzS 1085 | 1085 | 137 | 198 | 750 | 58.2 |
| 8 PzS 1240 | 1240 | 155 | 198 | 750 | 66.3 |
| 9 PzS 1395 | 1395 | 174 | 198 | 750 | 74.5 |
| 10 PzS 1550 | 1550 | 192 | 198 | 750 | 81.3 |

Höhe über Zelldeckel = maximale Zellenhöhe - 30 mm
 Overlid height = maximum cell height - 30 mm
 Hauteur sur couvercle = hauteur élément max. - 30 mm

PzB-Zellen Hawker perfect plus, mit Schraubverbindern, Abmessungen gemäß IEC 254-2 Serie E

PzB-cells Hawker perfect plus, with bolt-on connectors, dimensions according to IEC 254-2 Serie E standard

Éléments PzB Hawker perfect plus, à connexions vissées, dimensions conformes à la norme CEI 254-2 Série E



| Norm-Bezeichnung | Nennkapazität 5-stündig | Länge | max. Zellenmaße in mm Breite | Höhe | Gewicht in kg +/-5% gefüllt |
|-----------------------|----------------------------------|----------|---------------------------------------|---------|-------------------------------------|
| Cell designation | Nominal capacity 5- hour Ah | Length | max. cell dimensions in mm Width | Height | Weight in kg +/-5% with electrolyte |
| Désignation d'élément | Capacité nominale pour 5 h en Ah | Longueur | Dimensions maxi élément en mm Largeur | Hauteur | Masse en kg +/-5% avec électrolyte |

| | | | | | |
|-----------|-----|-----|-------|-----|------|
| 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 | 7.0 |
| 5 PzB 115 | 115 | 93 | 157.5 | 230 | 8.5 |
| 6 PzB 138 | 138 | 109 | 157.5 | 230 | 10.0 |

| | | | | | |
|-----------|-----|-----|-------|-----|------|
| 2 PzB 64 | 64 | 45 | 157.5 | 292 | 5.4 |
| 3 PzB 96 | 96 | 61 | 157.5 | 292 | 7.3 |
| 4 PzB 128 | 128 | 77 | 157.5 | 292 | 9.2 |
| 5 PzB 160 | 160 | 93 | 157.5 | 292 | 11.3 |
| 6 PzB 192 | 192 | 109 | 157.5 | 292 | 13.2 |
| 7 PzB 224 | 224 | 125 | 157.5 | 292 | 15.2 |
| 8 PzB 256 | 256 | 141 | 157.5 | 292 | 17.2 |

| | | | | | |
|-----------|-----|-----|-------|-----|------|
| 2 PzB 84 | 84 | 45 | 157.5 | 358 | 6.9 |
| 3 PzB 126 | 126 | 61 | 157.5 | 358 | 9.4 |
| 4 PzB 168 | 168 | 77 | 157.5 | 358 | 11.9 |
| 5 PzB 210 | 210 | 93 | 157.5 | 358 | 14.5 |
| 6 PzB 252 | 252 | 109 | 157.5 | 358 | 17.1 |
| 7 PzB 294 | 294 | 125 | 157.5 | 358 | 19.7 |
| 8 PzB 336 | 336 | 141 | 157.5 | 358 | 22.2 |

| | | | | | |
|------------|-----|-----|-------|-----|------|
| 2 PzB 110 | 110 | 45 | 157.5 | 428 | 8.4 |
| 3 PzB 165 | 165 | 61 | 157.5 | 428 | 11.5 |
| 4 PzB 220 | 220 | 77 | 157.5 | 428 | 14.6 |
| 5 PzB 275 | 275 | 93 | 157.5 | 428 | 17.8 |
| 6 PzB 330 | 330 | 109 | 157.5 | 428 | 20.9 |
| 7 PzB 385 | 385 | 125 | 157.5 | 428 | 24.0 |
| 8 PzB 440 | 440 | 141 | 157.5 | 428 | 27.2 |
| 9 PzB 495 | 495 | 157 | 157.5 | 428 | 30.3 |
| 10 PzB 550 | 550 | 173 | 157.5 | 428 | 33.3 |

| | | | | | |
|------------|-----|-----|-------|-----|------|
| 2 PzB 130 | 130 | 45 | 157.5 | 484 | 9.6 |
| 3 PzB 195 | 195 | 61 | 157.5 | 484 | 13.2 |
| 4 PzB 260 | 260 | 77 | 157.5 | 484 | 16.8 |
| 5 PzB 325 | 325 | 93 | 157.5 | 484 | 20.5 |
| 6 PzB 390 | 390 | 109 | 157.5 | 484 | 24.1 |
| 7 PzB 455 | 455 | 125 | 157.5 | 484 | 27.7 |
| 8 PzB 520 | 520 | 141 | 157.5 | 484 | 31.4 |
| 9 PzB 585 | 585 | 157 | 157.5 | 484 | 35.0 |
| 10 PzB 650 | 650 | 173 | 157.5 | 484 | 38.5 |

Höhe über Zelldeckel = maximale Zellenhöhe - 30 mm

Overlid height = maximum cell height - 30 mm

Hauteur sur couvercle = hauteur élément max. - 30 mm

PzB-Zellen Hawker perfect plus, mit Schraubverbindern, Abmessungen gemäß IEC 254-2 Serie E

PzB-cells Hawker perfect plus, with bolt-on connectors, dimensions according to IEC 254-2 Serie E standard

Eléments PzB Hawker perfect plus, à connexions vissées, dimensions conformes à la norme CEI 254-2 Série E



| Norm-Bezeichnung | Nennkapazität 5-stündig | Länge | max. Zellenmaße in mm Breite | Höhe | Gewicht in kg +/-5% gefüllt |
|-----------------------|----------------------------------|----------|--|---------|--|
| Cell designation | Nominal capacity 5- hour Ah | Length | max. cell dimensions in mm Width | Height | Weight in kg +/-5% with electrolyte |
| Désignation d'élément | Capacité nominale pour 5 h en Ah | Longueur | Dimensions maxi élément en mm Largeur | Hauteur | Masse en kg +/-5% avec électrolyte |

| | | | | | |
|------------|-----|-----|-------|-----|------|
| 2 PzB 150 | 150 | 45 | 157.5 | 541 | 10.9 |
| 3 PzB 225 | 225 | 61 | 157.5 | 541 | 14.9 |
| 4 PzB 300 | 300 | 77 | 157.5 | 541 | 19.0 |
| 5 PzB 375 | 375 | 93 | 157.5 | 541 | 23.1 |
| 6 PzB 450 | 450 | 109 | 157.5 | 541 | 27.3 |
| 7 PzB 525 | 525 | 125 | 157.5 | 541 | 31.4 |
| 8 PzB 600 | 600 | 141 | 157.5 | 541 | 35.6 |
| 9 PzB 675 | 675 | 157 | 157.5 | 541 | 39.5 |
| 10 PzB 750 | 750 | 173 | 157.5 | 541 | 43.7 |
| 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 | 17.0 |
| 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 | 642 | 12.9 |
| 3 PzB 300 | 300 | 61 | 157.5 | 642 | 17.7 |
| 4 PzB 400 | 400 | 77 | 157.5 | 642 | 22.6 |
| 5 PzB 500 | 500 | 93 | 157.5 | 642 | 27.5 |
| 6 PzB 600 | 600 | 109 | 157.5 | 642 | 32.4 |
| 7 PzB 700 | 700 | 125 | 157.5 | 642 | 37.3 |
| 8 PzB 800 | 800 | 141 | 157.5 | 642 | 42.2 |
| 9 PzB 900 | 900 | 157 | 157.5 | 642 | 46.8 |

| | | | | | |
|-----------|-----|-----|-------|-----|------|
| 2 PzB 210 | 210 | 45 | 157.5 | 718 | 14.8 |
| 3 PzB 315 | 315 | 61 | 157.5 | 718 | 20.4 |
| 4 PzB 420 | 420 | 77 | 157.5 | 718 | 26.1 |
| 5 PzB 525 | 525 | 93 | 157.5 | 718 | 31.7 |
| 6 PzB 630 | 630 | 109 | 157.5 | 718 | 37.3 |
| 7 PzB 735 | 735 | 125 | 157.5 | 718 | 43.0 |
| 8 PzB 840 | 840 | 141 | 157.5 | 718 | 48.7 |

Höhe über Zelldeckel = maximale Zellenhöhe - 30 mm

Overlid height = maximum cell height - 30 mm

Hauteur sur couvercle = hauteur élément max. - 30 mm



Wherever in Europe you do business, Hawker can support you with motive power energy. The Hawker branded battery range, matched chargers and systems provide trouble free performance under the most demanding service conditions.

Our strategically located manufacturing plants are efficient and responsive with a culture of continuous improvement and added value for our business partners.

Hawker has an enviable position in technology leadership and with significant investment in research and development we intend to stay at the leading edge in product innovation. Hawker evolution batteries and Hawker HF chargers, Lifeplus easy.com and Powertech easy.com have set new standards in maintenance free solutions. Our team of development engineers is driven by the desire to build the best energy solutions and works closely with our customers and suppliers to identify development opportunities. Our bias for rapid innovation means we get new products to market fast.

Hawker's integrated sales and service network across Europe is dedicated to providing our customers with the best solutions and after-sales support for their business. Whether you require 1 battery or a complete fleet of batteries, chargers, a battery handling system and a state of the art fleet management system, you can count on us. As part of EnerSys the world's largest industrial battery manufacturer, we are dedicated to being the best.