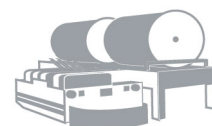




**Technische Daten**  
**Technical data**  
**Données techniques**  
**Hawker Water Less®**



**EnerSys®**

Power/Full Solutions

PzM-Zellen Hawker Water Less®, mit Schraubverbindern, Abmessungen gemäß DIN/EN 60254-2 und IEC 254-2 Serie L

PzM-cells Hawker Water Less®, with bolt-on connectors, dimensions according to DIN/EN 60254-2 and IEC 254-2 Serie L standards

Eléments PzM Hawker Water Less®, à connexions vissées, dimensions conformes aux normes DIN/EN 60254-2 et CEI 254-2 Série L

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

|            |     |     |     |     |      |
|------------|-----|-----|-----|-----|------|
| 2 PzM 120  | 120 | 47  | 198 | 370 | 8.5  |
| 3 PzM 180  | 180 | 65  | 198 | 370 | 12.0 |
| 4 PzM 240  | 240 | 83  | 198 | 370 | 15.4 |
| 5 PzM 300  | 300 | 101 | 198 | 370 | 19.0 |
| 6 PzM 360  | 360 | 119 | 198 | 370 | 22.5 |
| 7 PzM 420  | 420 | 137 | 198 | 370 | 26.0 |
| 8 PzM 480  | 480 | 155 | 198 | 370 | 29.5 |
| 9 PzM 540  | 540 | 174 | 198 | 370 | 33.0 |
| 10 PzM 600 | 600 | 192 | 198 | 370 | 36.5 |

|            |     |     |     |     |      |
|------------|-----|-----|-----|-----|------|
| 2 PzM 160  | 160 | 47  | 198 | 435 | 10.0 |
| 3 PzM 240  | 240 | 65  | 198 | 435 | 14.2 |
| 4 PzM 320  | 320 | 83  | 198 | 435 | 18.4 |
| 5 PzM 400  | 400 | 101 | 198 | 435 | 22.6 |
| 6 PzM 480  | 480 | 119 | 198 | 435 | 26.7 |
| 7 PzM 560  | 560 | 137 | 198 | 435 | 31.3 |
| 8 PzM 640  | 640 | 155 | 198 | 435 | 35.1 |
| 9 PzM 720  | 720 | 174 | 198 | 435 | 39.3 |
| 10 PzM 800 | 800 | 192 | 198 | 435 | 43.4 |

|            |     |     |     |     |      |
|------------|-----|-----|-----|-----|------|
| 2 PzM 180  | 180 | 47  | 198 | 505 | 11.9 |
| 3 PzM 270  | 270 | 65  | 198 | 505 | 17.0 |
| 4 PzM 360  | 360 | 83  | 198 | 505 | 22.1 |
| 5 PzM 450  | 450 | 101 | 198 | 505 | 27.1 |
| 6 PzM 540  | 540 | 119 | 198 | 505 | 32.2 |
| 7 PzM 630  | 630 | 137 | 198 | 505 | 37.2 |
| 8 PzM 720  | 720 | 155 | 198 | 505 | 42.3 |
| 9 PzM 810  | 810 | 174 | 198 | 505 | 47.4 |
| 10 PzM 900 | 900 | 192 | 198 | 505 | 52.4 |

|             |      |     |     |     |      |
|-------------|------|-----|-----|-----|------|
| 2 PzM 210   | 210  | 47  | 198 | 541 | 13.5 |
| 3 PzM 315   | 315  | 65  | 198 | 541 | 19.1 |
| 4 PzM 420   | 420  | 83  | 198 | 541 | 24.6 |
| 5 PzM 525   | 525  | 101 | 198 | 541 | 30.5 |
| 6 PzM 630   | 630  | 119 | 198 | 541 | 36.1 |
| 7 PzM 735   | 735  | 137 | 198 | 541 | 41.8 |
| 8 PzM 840   | 840  | 155 | 198 | 541 | 47.4 |
| 9 PzM 945   | 945  | 174 | 198 | 541 | 53.1 |
| 10 PzM 1050 | 1050 | 192 | 198 | 541 | 58.4 |

|             |      |     |     |     |      |
|-------------|------|-----|-----|-----|------|
| 2 PzM 230   | 230  | 47  | 198 | 575 | 14.2 |
| 3 PzM 345   | 345  | 65  | 198 | 575 | 20.3 |
| 4 PzM 460   | 460  | 83  | 198 | 575 | 26.4 |
| 5 PzM 575   | 575  | 101 | 198 | 575 | 32.4 |
| 6 PzM 690   | 690  | 119 | 198 | 575 | 39.0 |
| 7 PzM 805   | 805  | 137 | 198 | 575 | 44.7 |
| 8 PzM 920   | 920  | 155 | 198 | 575 | 50.6 |
| 9 PzM 1035  | 1035 | 174 | 198 | 575 | 56.6 |
| 10 PzM 1150 | 1150 | 192 | 198 | 575 | 62.7 |

Höhe über Zelldeckel = maximale Zellenhöhe - 30 mm

Overlid height = maximum cell height - 30 mm

Hauteur sur couvercle = hauteur élément max. - 30 mm

**PzM-Zellen Hawker Water Less®, mit Schraubverbindern, Abmessungen gemäß DIN/EN 60254-2 und IEC 254-2 Serie L**  
**PzM-cells Hawker Water Less®, with bolt-on connectors, dimensions according to DIN/EN 60254-2 and IEC 254-2 Serie L standards**  
**Éléments PzM Hawker Water Less®, à connexions vissées, dimensions conformes aux normes DIN/EN 60254-2 et CEI 254-2 Série L**

**DIN**

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

|             |      |     |     |     |      |
|-------------|------|-----|-----|-----|------|
| 2 PzM 250   | 250  | 47  | 198 | 600 | 15.0 |
| 3 PzM 375   | 375  | 65  | 198 | 600 | 21.2 |
| 4 PzM 500   | 500  | 83  | 198 | 600 | 27.4 |
| 5 PzM 625   | 625  | 101 | 198 | 600 | 33.9 |
| 6 PzM 750   | 750  | 119 | 198 | 600 | 40.3 |
| 7 PzM 875   | 875  | 137 | 198 | 600 | 46.5 |
| 8 PzM 1000  | 1000 | 155 | 198 | 600 | 53.1 |
| 9 PzM 1125  | 1125 | 174 | 198 | 600 | 59.4 |
| 10 PzM 1250 | 1250 | 192 | 198 | 600 | 66.0 |

|             |      |     |     |     |      |
|-------------|------|-----|-----|-----|------|
| 2 PzM 280   | 280  | 47  | 198 | 715 | 17.5 |
| 3 PzM 420   | 420  | 65  | 198 | 715 | 24.7 |
| 4 PzM 560   | 560  | 83  | 198 | 715 | 31.8 |
| 5 PzM 700   | 700  | 101 | 198 | 715 | 39.3 |
| 6 PzM 840   | 840  | 119 | 198 | 715 | 46.7 |
| 7 PzM 980   | 980  | 137 | 198 | 715 | 53.9 |
| 8 PzM 1120  | 1120 | 155 | 198 | 715 | 61.3 |
| 9 PzM 1260  | 1260 | 174 | 198 | 715 | 68.6 |
| 10 PzM 1400 | 1400 | 192 | 198 | 715 | 76.0 |

|             |      |     |     |     |      |
|-------------|------|-----|-----|-----|------|
| 2 PzM 310   | 310  | 47  | 198 | 750 | 18.9 |
| 3 PzM 465   | 465  | 65  | 198 | 750 | 26.7 |
| 4 PzM 620   | 620  | 83  | 198 | 750 | 34.6 |
| 5 PzM 775   | 775  | 101 | 198 | 750 | 42.6 |
| 6 PzM 930   | 930  | 119 | 198 | 750 | 50.5 |
| 7 PzM 1085  | 1085 | 137 | 198 | 750 | 58.5 |
| 8 PzM 1240  | 1240 | 155 | 198 | 750 | 66.4 |
| 9 PzM 1395  | 1395 | 174 | 198 | 750 | 74.4 |
| 10 PzM 1550 | 1550 | 192 | 198 | 750 | 82.4 |

**PzMB-Zellen Hawker Water Less®, mit Schraubverbindern, Abmessungen gemäß IEC 254-2 Serie E**  
**PzMB-cells Hawker Water Less®, with bolt-on connectors, dimensions according to IEC 254-2 Serie E standard**  
**Éléments PzMB Hawker Water Less®, à connexions vissées, dimensions conformes à la norme CEI 254-2 Série E**

**BS**

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

|             |     |     |       |     |      |
|-------------|-----|-----|-------|-----|------|
| 2 PzMB 120  | 120 | 45  | 157.5 | 484 | 8.3  |
| 3 PzMB 180  | 180 | 61  | 157.5 | 484 | 11.7 |
| 4 PzMB 240  | 240 | 77  | 157.5 | 484 | 15.0 |
| 5 PzMB 300  | 300 | 93  | 157.5 | 484 | 18.3 |
| 6 PzMB 360  | 360 | 109 | 157.5 | 484 | 21.5 |
| 7 PzMB 420  | 420 | 125 | 157.5 | 484 | 24.9 |
| 8 PzMB 480  | 480 | 141 | 157.5 | 484 | 28.3 |
| 9 PzMB 540  | 540 | 157 | 157.5 | 484 | 31.5 |
| 10 PzMB 600 | 600 | 173 | 157.5 | 484 | 34.9 |
| 11 PzMB 660 | 660 | 189 | 157.5 | 484 | 38.2 |

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

Overlid height = maximum cell height - 30 mm

**PzMB-Zellen Hawker Water Less®, mit Schraubverbindern, Abmessungen gemäß IEC 254-2 Serie E**  
**PzMB-cells Hawker Water Less®, with bolt-on connectors, dimensions according to IEC 254-2 Serie E standard**  
**Éléments PzMB Hawker Water Less®, à connexions vissées, dimensions conformes à la norme CEI 254-2 Série E**

BS

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

|             |     |     |       |     |      |
|-------------|-----|-----|-------|-----|------|
| 2 PzMB 140  | 140 | 45  | 157.5 | 541 | 9.3  |
| 3 PzMB 210  | 210 | 61  | 157.5 | 541 | 13.0 |
| 4 PzMB 280  | 280 | 77  | 157.5 | 541 | 16.7 |
| 5 PzMB 350  | 350 | 93  | 157.5 | 541 | 20.3 |
| 6 PzMB 420  | 420 | 109 | 157.5 | 541 | 24.1 |
| 7 PzMB 490  | 490 | 125 | 157.5 | 541 | 27.7 |
| 8 PzMB 560  | 560 | 141 | 157.5 | 541 | 31.5 |
| 9 PzMB 630  | 630 | 157 | 157.5 | 541 | 35.1 |
| 10 PzMB 700 | 700 | 173 | 157.5 | 541 | 38.8 |
| 11 PzMB 770 | 770 | 189 | 157.5 | 541 | 42.5 |

|             |     |     |       |     |      |
|-------------|-----|-----|-------|-----|------|
| 2 PzMB 160  | 160 | 45  | 157.5 | 597 | 10.6 |
| 3 PzMB 240  | 240 | 61  | 157.5 | 597 | 14.8 |
| 4 PzMB 320  | 320 | 77  | 157.5 | 597 | 19.0 |
| 5 PzMB 400  | 400 | 93  | 157.5 | 597 | 23.2 |
| 6 PzMB 480  | 480 | 109 | 157.5 | 597 | 27.4 |
| 7 PzMB 560  | 560 | 125 | 157.5 | 597 | 31.6 |
| 8 PzMB 640  | 640 | 141 | 157.5 | 597 | 35.9 |
| 9 PzMB 720  | 720 | 157 | 157.5 | 597 | 40.1 |
| 10 PzMB 800 | 800 | 173 | 157.5 | 597 | 44.3 |
| 11 PzMB 880 | 880 | 189 | 157.5 | 597 | 48.5 |

|             |     |     |       |     |      |
|-------------|-----|-----|-------|-----|------|
| 2 PzMB 180  | 180 | 45  | 157.5 | 642 | 11.4 |
| 3 PzMB 270  | 270 | 61  | 157.5 | 642 | 16.1 |
| 4 PzMB 360  | 360 | 77  | 157.5 | 642 | 20.7 |
| 5 PzMB 450  | 450 | 93  | 157.5 | 642 | 25.3 |
| 6 PzMB 540  | 540 | 109 | 157.5 | 642 | 29.9 |
| 7 PzMB 630  | 630 | 125 | 157.5 | 642 | 34.5 |
| 8 PzMB 720  | 720 | 141 | 157.5 | 642 | 39.3 |
| 9 PzMB 810  | 810 | 157 | 157.5 | 642 | 43.9 |
| 10 PzMB 900 | 900 | 173 | 157.5 | 642 | 48.5 |
| 11 PzMB 990 | 990 | 189 | 157.5 | 642 | 53.1 |

|              |      |     |       |     |      |
|--------------|------|-----|-------|-----|------|
| 2 PzMB 200   | 200  | 45  | 157.5 | 669 | 12.2 |
| 3 PzMB 300   | 300  | 61  | 157.5 | 669 | 17.1 |
| 4 PzMB 400   | 400  | 77  | 157.5 | 669 | 22.0 |
| 5 PzMB 500   | 500  | 93  | 157.5 | 669 | 26.8 |
| 6 PzMB 600   | 600  | 109 | 157.5 | 669 | 31.7 |
| 7 PzMB 700   | 700  | 125 | 157.5 | 669 | 36.6 |
| 8 PzMB 800   | 800  | 141 | 157.5 | 669 | 41.6 |
| 9 PzMB 900   | 900  | 157 | 157.5 | 669 | 46.4 |
| 10 PzMB 1000 | 1000 | 173 | 157.5 | 669 | 51.3 |
| 11 PzMB 1100 | 1100 | 189 | 157.5 | 669 | 56.2 |

Höhe über Zelldeckel = maximale Zellenhöhe - 30 mm

Overlid height = maximum cell height - 30 mm

Hauteur sur couvercle = hauteur élément max. - 30 mm



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