

# Standard Series

(24–54 kVA)



## Multiple Enclosure Styles

Customizable to fit most available spaces



## Dual Conversion Technology

Precision regulation and minimal harmonic distortion



## Stainless Steel & Aluminum

Power coated for ultimate durability and protection

The Standard Series is customizable to fit virtually any space. Enclosure options include two-piece, wall hugger, and foot locker variations. Made from stainless steel, the unit is durable, reliable, and less susceptible to electromagnetic interference. Every unit is equipped with an isolation transformer to protect against galvanic corrosion, polarization, and fault current electrocution.

In addition to the basic function of power conversion, these converters provide the user with a sophisticated power analysis and monitoring capability. Various displays are selected through a long-life, sealed membrane switch panel. All front panel information is available through the serial port for remote display, status, and diagnostics.

## MORE FEATURES

- Auto-restart from shore brownout or blackout
- Conformal coated printed circuit boards
- Front panel display console
- Minimal harmonic distortion
- Reverse polarization prevention
- Galvanic corrosion protection
- Global support network
- Precision regulation

### POWER RANGE

8 12 15 18 20 25 30 36 45 50 55 63 75 90 100 110 125 150 165 kVA

## COMMONLY INSTALLED ON



CRUISERS (10 to 16 meters)



YACHTS (17 to 23 meters)



SUPERYACHTS (24 to 45 meters)



MEGAYACHTS (46-65 meters)



GIGAYACHTS (66 to 90 meters)

# Standard Series (24-54 kVA)

| Model               | AC24 DSC (Dual Shore Cord)                    | AC30 DSC (Dual Shore Cord)                    | AC36 DSC (Dual Shore Cord)                    |
|---------------------|---|---|---|
| Part Number         | 607784  | 607785  | 607786  |
| Input Power Form    | Single  | Single  | Single  |
| Input Voltage       | 170-520 V                                     | 170-520 V                                     | 170-520 V                                     |
| Input Frequency     | 40-70 Hz                                      | 40-70 Hz                                      | 40-70 Hz                                      |
| Power Factor        | >0.98 @ rated load                            | >0.98 @ rated load                            | >0.98 @ rated load                            |
| Auto Restart        | Standard                                      | Standard                                      | Standard                                      |
| Shore Cord Input    | Dual  | Dual  | Dual  |
| Output Power Rating | 24 kVA  | 30 kVA  | 36 kVA  |
| Output Power Form   | Single, Split                                 | Single, Split                                 | Single, Split                                 |
| Upgradeability      | 30 or 36 kVA                                  | 36 kVA  | -   |
| Output Voltage      | 220, 230, 240, 110/220,<br>115/230, 120/240 V | 220, 230, 240, 110/220,<br>115/230, 120/240 V | 220, 230, 240, 110/220,<br>115/230, 120/240 V |
| Output Frequency    | 50/60 Hz                                      | 50/60 Hz                                      | 50/60 Hz                                      |
| Efficiency          | 91% @ rated load                              | 91% @ rated load                              | 91% @ rated load                              |
| Cooling             | Air   | Air   | Air   |
| Mounting            | Floor   | Floor   | Floor   |
| Series              | Standard                                      | Standard                                      | Standard                                      |
| Enclosure Style     | Standard                                      | Standard                                      | Standard                                      |
| Legacy Enclosure    | F   | F   | F   |
| Weight              | 275 kg / 606 lbs                              | 285 kg / 628 lbs                              | 285 kg / 628 lbs                              |
| Height              | 104.0 cm / 40.9 in                            | 104.0 cm / 40.9 in                            | 104.0 cm / 40.9 in                            |
| Width               | 45.7 cm / 18.0 in                             | 45.7 cm / 18.0 in                             | 45.7 cm / 18.0 in                             |
| Depth               | 76.8 cm / 30.2 in                             | 76.8 cm / 30.2 in                             | 76.8 cm / 30.2 in                             |

# Standard Series (24-54 kVA)

| Model               | AC24TP DSC (Dual Shore Cord)               | AC30TP DSC (Dual Shore Cord)               | AC36TP DSC (Dual Shore Cord)               |
|---------------------|--|--|--|
| Part Number         | 607582                                     | 607583                                     | 607584                                     |
| Input Power Form    | Single                                     | Single                                     | Single                                     |
| Input Voltage       | 170-520 V                                  | 170-520 V                                  | 170-520 V                                  |
| Input Frequency     | 40-70 Hz                                   | 40-70 Hz                                   | 40-70 Hz                                   |
| Power Factor        | >0.98 @ rated load                         | >0.98 @ rated load                         | >0.98 @ rated load                         |
| Auto Restart        | Standard                                   | Standard                                   | Standard                                   |
| Shore Cord Input    | Dual                                       | Dual                                       | Dual                                       |
| Output Power Rating | 24 kVA                                     | 30 kVA                                     | 36 kVA                                     |
| Output Power Form   | Single, Split                              | Single, Split                              | Single, Split                              |
| Upgradeability      | 30 or 36 kVA                               | 36 kVA                                     | -  |
| Output Voltage      | 220, 230, 240, 110/220, 115/230, 120/240 V | 220, 230, 240, 110/220, 115/230, 120/240 V | 220, 230, 240, 110/220, 115/230, 120/240 V |
| Output Frequency    | 50/60 Hz                                   | 50/60 Hz                                   | 50/60 Hz                                   |
| Output Current      | 100 A @ 0.85 p.f.                          | 100 A @ 0.85 p.f.                          | 100 A @ 0.85 p.f.                          |
| Efficiency          | 91% @ rated load                           | 91% @ rated load                           | 91% @ rated load                           |
| Cooling             | Air  | Air  | Air  |
| Mounting            | Floor                                      | Floor                                      | Floor                                      |
| Series              | Standard                                   | Standard                                   | Standard                                   |
| Enclosure Style     | Two-Piece                                  | Two-Piece                                  | Two-Piece                                  |
| Legacy Enclosure    | O  | O  | O  |
| Weight              | 118, 163 kg / 260, 360 lbs                 | 128, 163 kg / 282, 360 lbs                 | 128, 163 kg / 282, 360 lbs                 |
| Height              | 61.0, 37.1 cm / 24.0, 14.6 in              | 61.0, 37.1 cm / 24.0, 14.6 in              | 61.0, 37.1 cm / 24.0, 14.6 in              |
| Width               | 61.0, 43.2 cm / 24.0, 17.0 in              | 61.0, 43.2 cm / 24.0, 17.0 in              | 61.0, 43.2 cm / 24.0, 17.0 in              |
| Depth               | 61.0, 64.8 cm / 24.0, 25.5 in              | 61.0, 64.8 cm / 24.0, 25.5 in              | 61.0, 64.8 cm / 24.0, 25.5 in              |

# Standard Series (24-54 kVA)

| Model               | AC25-1                   | AC25TP-1                      | AC25FL-1                 | AC25WH-1                 |
|---------------------|--------------------------|-------------------------------|--------------------------|--------------------------|
| Part Number         | 607525                   | 607570                        | 632521                   | 604539                   |
| Input Power Form    | Single, Three            | Single, Three                 | Single, Three            | Single, Three            |
| Input Voltage       | 170-520 V                | 170-520 V                     | 170-520 V                | 170-520 V                |
| Input Frequency     | 40-70 Hz                 | 40-70 Hz                      | 40-70 Hz                 | 40-70 Hz                 |
| Power Factor        | >0.99 @ rated load       | >0.99 @ rated load            | >0.99 @ rated load       | >0.99 @ rated load       |
| Auto Restart        | Standard                 | Standard                      | Standard                 | Standard                 |
| Shore Cord Input    | Single                   | Single                        | Single                   | Single                   |
| Output Power Rating | 25 kVA                   | 25 kVA                        | 25 kVA                   | 25 kVA                   |
| Output Power Form   | Single, Split            | Single, Split                 | Single, Split            | Single, Split            |
| Upgradeability      | 30 or 36 kVA             | 30 or 36 kVA                  | 30 or 36 kVA             | 30 or 36 kVA             |
| Output Voltage      | 220, 230, 240, 120/240 V | 220, 230, 240, 120/240 V      | 220, 230, 240, 120/240 V | 220, 230, 240, 120/240 V |
| Output Frequency    | 50/60 Hz                 | 50/60 Hz                      | 50/60 Hz                 | 50/60 Hz                 |
| Output Current      | See table below          | See table below               | See table below          | See table below          |
| Efficiency          | 91% @ rated load         | 91% @ rated load              | 91% @ rated load         | 91% @ rated load         |
| Cooling             | Air                      | Air                           | Air                      | Air                      |
| Mounting            | Floor                    | Floor                         | Floor                    | Floor                    |
| Series              | Standard                 | Standard                      | Standard                 | Standard                 |
| Enclosure Style     | Standard                 | Two-Piece                     | Foot Locker              | Wall Hugger              |
| Legacy Enclosure    | F                        | O                             | FL                       | N                        |
| Weight              | 323 kg / 712 lbs         | 139, 191 kg / 306, 421 lbs    | 315 kg / 694 lbs         | 333 kg / 734 lbs         |
| Height              | 104.0 cm / 40.9 in       | 61.0, 37.1 cm / 24.0, 14.6 in | 61.0 cm / 24.0 in        | 151.5 cm / 59.6 in       |
| Width               | 45.7 cm / 18.0 in        | 61.0, 43.2 cm / 24.0, 17.0 in | 92.4 cm / 36.4 in        | 151.9 cm / 59.8 in       |
| Depth               | 76.8 cm / 30.2 in        | 61.0, 64.8 cm / 24.0, 25.5 in | 64.7 cm / 25.5 in        | 25.4 cm / 10.0 in        |

# Standard Series (24-54 kVA)

| Model               | AC25-3  | AC25TP-3                                      | AC25FL-3                                      | AC25WH-3                                      |
|---------------------|---|---|---|---|
| Part Number         | 607521  | 607573  | 632524  | Contact Us                                    |
| Input Power Form    | Single, Three                                 | Single, Three                                 | Single, Three                                 | Single, Three                                 |
| Input Voltage       | 170-520 V                                     | 170-520 V                                     | 170-520 V                                     | 170-520 V                                     |
| Input Frequency     | 40-70 Hz                                      | 40-70 Hz                                      | 40-70 Hz                                      | 40-70 Hz                                      |
| Power Factor        | >0.99 @ rated load                            | >0.99 @ rated load                            | >0.99 @ rated load                            | >0.99 @ rated load                            |
| Auto Restart        | Standard                                      | Standard                                      | Standard                                      | Standard                                      |
| Shore Cord Input    | Single  | Single  | Single  | Single  |
| Output Power Rating | 25 kVA  | 25 kVA  | 25 kVA  | 25 kVA  |
| Output Power Form   | Three   | Three   | Three   | Three   |
| Upgradeability      | 30 or 36 kVA                                  | 30 or 36 kVA                                  | 30 or 36 kVA                                  | 30 or 36 kVA                                  |
| Output Voltage      | 120/208, 127/220, 220/380, 230/400, 240/416 V | 120/208, 127/220, 220/380, 230/400, 240/416 V | 120/208, 127/220, 220/380, 230/400, 240/416 V | 120/208, 127/220, 220/380, 230/400, 240/416 V |
| Output Frequency    | 50/60 Hz                                      | 50/60 Hz                                      | 50/60 Hz                                      | 50/60 Hz                                      |
| Output Current      | See table below                               | See table below                               | See table below                               | See table below                               |
| Efficiency          | 91% @ rated load                              | 91% @ rated load                              | 91% @ rated load                              | 91% @ rated load                              |
| Cooling             | Air   | Air   | Air   | Air   |
| Mounting            | Floor   | Floor   | Floor   | Floor   |
| Series              | Standard                                      | Standard                                      | Standard                                      | Standard                                      |
| Enclosure Style     | Standard                                      | Two-Piece                                     | Foot Locker                                   | Wall Hugger                                   |
| Legacy Enclosure    | F   | O   | FL  | N   |
| Weight              | 323 kg / 712 lbs                              | 139, 191 kg / 306, 421 lbs                    | 315 kg / 694 lbs                              | 333 kg / 734 lbs                              |
| Height              | 104.0 cm / 40.9 in                            | 61.0, 37.1 cm / 24.0, 14.6 in                 | 61.0 cm / 24.0 in                             | 151.5 cm / 59.6 in                            |
| Width               | 45.7 cm / 18.0 in                             | 61.0, 43.2 cm / 24.0, 17.0 in                 | 92.4 cm / 36.4 in                             | 151.9 cm / 59.8 in                            |
| Depth               | 76.8 cm / 30.2 in                             | 61.0, 64.8 cm / 24.0, 25.5 in                 | 64.7 cm / 25.5 in                             | 25.4 cm / 10.0 in                             |

# Standard Series (24-54 kVA)

| Model               | AC30-1                   | AC30TP-1                      | AC30FL-1                 | AC30WH-1                 |
|---------------------|--------------------------|-------------------------------|--------------------------|--------------------------|
| Part Number         | 607526                   | 607571                        | 632522                   | N/A                      |
| Input Power Form    | Single, Three            | Single, Three                 | Single, Three            | Single, Three            |
| Input Voltage       | 170-520 V                | 170-520 V                     | 170-520 V                | 170-520 V                |
| Input Frequency     | 40-70 Hz                 | 40-70 Hz                      | 40-70 Hz                 | 40-70 Hz                 |
| Power Factor        | >0.99 @ rated load       | >0.99 @ rated load            | >0.99 @ rated load       | >0.99 @ rated load       |
| Auto Restart        | Standard                 | Standard                      | Standard                 | Standard                 |
| Shore Cord Input    | Single                   | Single                        | Single                   | Single                   |
| Output Power Rating | 30 kVA                   | 30 kVA                        | 30 kVA                   | 30 kVA                   |
| Output Power Form   | Single, Split            | Single, Split                 | Single, Split            | Single, Split            |
| Upgradeability      | 36 kVA                   | 36 kVA                        | 36 kVA                   | 36 kVA                   |
| Output Voltage      | 220, 230, 240, 120/240 V | 220, 230, 240, 120/240 V      | 220, 230, 240, 120/240 V | 220, 230, 240, 120/240 V |
| Output Frequency    | 50/60 Hz                 | 50/60 Hz                      | 50/60 Hz                 | 50/60 Hz                 |
| Output Current      | See table below          | See table below               | See table below          | See table below          |
| Efficiency          | 91% @ rated load         | 91% @ rated load              | 91% @ rated load         | 91% @ rated load         |
| Cooling             | Air                      | Air                           | Air                      | Air                      |
| Mounting            | Floor                    | Floor                         | Floor                    | Floor                    |
| Series              | Standard                 | Standard                      | Standard                 | Standard                 |
| Enclosure Style     | Standard                 | Two-Piece                     | Foot Locker              | Wall Hugger              |
| Legacy Enclosure    | F                        | O                             | FL                       | N                        |
| Weight              | 323 kg / 712 lbs         | 139, 191 kg / 306, 421 lbs    | 315 kg / 694 lbs         | 333 kg / 734 lbs         |
| Height              | 104.0 cm / 40.9 in       | 61.0, 37.1 cm / 24.0, 14.6 in | 61.0 cm / 24.0 in        | 151.5 cm / 59.6 in       |
| Width               | 45.7 cm / 18.0 in        | 61.0, 43.2 cm / 24.0, 17.0 in | 92.4 cm / 36.4 in        | 151.9 cm / 59.8 in       |
| Depth               | 76.8 cm / 30.2 in        | 61.0, 64.8 cm / 24.0, 25.5 in | 64.7 cm / 25.5 in        | 25.4 cm / 10.0 in        |

# Standard Series (24-54 kVA)

| Model               | AC30-3  | AC30TP-3                                      | AC30FL-3                                      | AC30WH-3                                      |
|---------------------|---|---|---|---|
| Part Number         | 607522  | 607574  | 632525  | contact us                                    |
| Input Power Form    | Single, Three                                 | Single, Three                                 | Single, Three                                 | Single, Three                                 |
| Input Voltage       | 170-520 V                                     | 170-520 V                                     | 170-520 V                                     | 170-520 V                                     |
| Input Frequency     | 40-70 Hz                                      | 40-70 Hz                                      | 40-70 Hz                                      | 40-70 Hz                                      |
| Power Factor        | >0.99 @ rated load                            | >0.99 @ rated load                            | >0.99 @ rated load                            | >0.99 @ rated load                            |
| Auto Restart        | Standard                                      | Standard                                      | Standard                                      | Standard                                      |
| Shore Cord Input    | Single  | Single  | Single  | Single  |
| Output Power Rating | 30 kVA  | 30 kVA  | 30 kVA  | 30 kVA  |
| Output Power Form   | Three   | Three   | Three   | Three   |
| Upgradeability      | 36 kVA  | 36 kVA  | 36 kVA  | 36 kVA  |
| Output Voltage      | 120/208, 127/220, 220/380, 230/400, 240/416 V | 120/208, 127/220, 220/380, 230/400, 240/416 V | 120/208, 127/220, 220/380, 230/400, 240/416 V | 120/208, 127/220, 220/380, 230/400, 240/416 V |
| Output Frequency    | 50/60 Hz                                      | 50/60 Hz                                      | 50/60 Hz                                      | 50/60 Hz                                      |
| Output Current      | See table below                               | See table below                               | See table below                               | See table below                               |
| Efficiency          | 91% @ rated load                              | 91% @ rated load                              | 91% @ rated load                              | 91% @ rated load                              |
| Cooling             | Air   | Air   | Air   | Air   |
| Mounting            | Floor   | Floor   | Floor   | Floor   |
| Series              | Standard                                      | Standard                                      | Standard                                      | Standard                                      |
| Enclosure Style     | Standard                                      | Two-Piece                                     | Foot Locker                                   | Wall Hugger                                   |
| Legacy Enclosure    | F   | O   | FL  | N   |
| Weight              | 323 kg / 712 lbs                              | 139, 191 kg / 306, 421 lbs                    | 315 kg / 694 lbs                              | 333 kg / 734 lbs                              |
| Height              | 104.0 cm / 40.9 in                            | 61.0, 37.1 cm / 24.0, 14.6 in                 | 61.0 cm / 24.0 in                             | 151.5 cm / 59.6 in                            |
| Width               | 45.7 cm / 18.0 in                             | 61.0, 43.2 cm / 24.0, 17.0 in                 | 92.4 cm / 36.4 in                             | 151.9 cm / 59.8 in                            |
| Depth               | 76.8 cm / 30.2 in                             | 61.0, 64.8 cm / 24.0, 25.5 in                 | 64.7 cm / 25.5 in                             | 25.4 cm / 10.0 in                             |

# Standard Series (24-54 kVA)

| Model               | AC36-1                   | AC36TP-1                      | AC36FL-1                 | AC36WH-1                 |
|---------------------|--------------------------|-------------------------------|--------------------------|--------------------------|
| Part Number         | 607541                   | 607572                        | 632523                   | 604544                   |
| Input Power Form    | Single, Three            | Single, Three                 | Single, Three            | Single, Three            |
| Input Voltage       | 170-520 V                | 170-520 V                     | 170-520 V                | 170-520 V                |
| Input Frequency     | 40-70 Hz                 | 40-70 Hz                      | 40-70 Hz                 | 40-70 Hz                 |
| Power Factor        | >0.99 @ rated load       | >0.99 @ rated load            | >0.99 @ rated load       | >0.99 @ rated load       |
| Auto Restart        | Standard                 | Standard                      | Standard                 | Standard                 |
| Shore Cord Input    | Single                   | Single                        | Single                   | Single                   |
| Output Power Rating | 36 kVA                   | 36 kVA                        | 36 kVA                   | 36 kVA                   |
| Output Power Form   | Single, Split            | Single, Split                 | Single, Split            | Single, Split            |
| Upgradeability      | N/A                      | N/A                           | N/A                      | N/A                      |
| Output Voltage      | 220, 230, 240, 120/240 V | 220, 230, 240, 120/240 V      | 220, 230, 240, 120/240 V | 220, 230, 240, 120/240 V |
| Output Frequency    | 50/60 Hz                 | 50/60 Hz                      | 50/60 Hz                 | 50/60 Hz                 |
| Output Current      | See table below          | See table below               | See table below          | See table below          |
| Efficiency          | 91% @ rated load         | 91% @ rated load              | 91% @ rated load         | 91% @ rated load         |
| Cooling             | Air                      | Air                           | Air                      | Air                      |
| Mounting            | Floor                    | Floor                         | Floor                    | Floor                    |
| Series              | Standard                 | Standard                      | Standard                 | Standard                 |
| Enclosure Style     | Standard                 | Two-Piece                     | Foot Locker              | Wall Hugger              |
| Legacy Enclosure    | F                        | O                             | FL                       | N                        |
| Weight              | 323 kg / 712 lbs         | 139, 191 kg / 306, 421 lbs    | 315 kg / 694 lbs         | 333 kg / 734 lbs         |
| Height              | 104.0 cm / 40.9 in       | 61.0, 37.1 cm / 24.0, 14.6 in | 61.0 cm / 24.0 in        | 151.5 cm / 59.6 in       |
| Width               | 45.7 cm / 18.0 in        | 61.0, 43.2 cm / 24.0, 17.0 in | 92.4 cm / 36.4 in        | 151.9 cm / 59.8 in       |
| Depth               | 76.8 cm / 30.2 in        | 61.0, 64.8 cm / 24.0, 25.5 in | 64.7 cm / 25.5 in        | 25.4 cm / 10.0 in        |

# Standard Series (24-54 kVA)

| Model               | AC36-3   | AC36TP-3   | AC36FL-3   | AC36WH-3   |
|---------------------|--|--|--|--|
| Part Number         | 607542   | 607575   | 632526   | 604557   |
| Input Power Form    | Single, Three                                    | Single, Three                                    | Single, Three                                    | Single, Three                                    |
| Input Voltage       | 170-520 V  | 170-520 V  | 170-520 V  | 170-520 V  |
| Input Frequency     | 40-70 Hz   | 40-70 Hz   | 40-70 Hz   | 40-70 Hz   |
| Power Factor        | >0.99 @ rated load                               | >0.99 @ rated load                               | >0.99 @ rated load                               | >0.99 @ rated load                               |
| Auto Restart        | Standard   | Standard   | Standard   | Standard   |
| Shore Cord Input    | Single   | Single   | Single   | Single   |
| Output Power Rating | 36 kVA   | 36 kVA   | 36 kVA   | 36 kVA   |
| Output Power Form   | Three  | Three  | Three  | Three  |
| Upgradeability      | N/A  | N/A  | N/A  | N/A  |
| Output Voltage      | 120/208, 127/220, 220/380,<br>230/400, 240/416 V | 120/208, 127/220, 220/380,<br>230/400, 240/416 V | 120/208, 127/220, 220/380,<br>230/400, 240/416 V | 120/208, 127/220, 220/380,<br>230/400, 240/416 V |
| Output Frequency    | 50/60 Hz   | 50/60 Hz   | 50/60 Hz   | 50/60 Hz   |
| Output Current      | See table below                                  | See table below                                  | See table below                                  | See table below                                  |
| Efficiency          | 91% @ rated load                                 | 91% @ rated load                                 | 91% @ rated load                                 | 91% @ rated load                                 |
| Cooling             | Air  | Air  | Air  | Air  |
| Mounting            | Floor  | Floor  | Floor  | Floor  |
| Series              | Standard   | Standard   | Standard   | Standard   |
| Enclosure Style     | Standard   | Two-Piece  | Foot Locker                                      | Wall Hugger                                      |
| Legacy Enclosure    | F  | O  | FL   | N  |
| Weight              | 323 kg / 712 lbs                                 | 139, 191 kg / 306, 421 lbs                       | 315 kg / 694 lbs                                 | 333 kg / 734 lbs                                 |
| Height              | 104.0 cm / 40.9 in                               | 61.0, 37.1 cm / 24.0, 14.6 in                    | 61.0 cm / 24.0 in                                | 151.5 cm / 59.6 in                               |
| Width               | 45.7 cm / 18.0 in                                | 61.0, 43.2 cm / 24.0, 17.0 in                    | 92.4 cm / 36.4 in                                | 151.9 cm / 59.8 in                               |
| Depth               | 76.8 cm / 30.2 in                                | 61.0, 64.8 cm / 24.0, 25.5 in                    | 64.7 cm / 25.5 in                                | 25.4 cm / 10.0 in                                |

# Standard Series (24-54 kVA)

| Model               | AC45-1                   | AC45WH-1                 | AC45-3                   | AC45WH-3                 |
|---------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Part Number         | 604515                   | 604545                   | 604512                   | 604553                   |
| Input Power Form    | Single, Three            | Single, Three            | Single, Three            | Single, Three            |
| Input Voltage       | 170-520 V                | 170-520 V                | 170-520 V                | 170-520 V                |
| Input Frequency     | 40-70 Hz                 | 40-70 Hz                 | 40-70 Hz                 | 40-70 Hz                 |
| Power Factor        | >0.99 @ rated load       | >0.99 @ rated load       | >0.99 @ rated load       | >0.99 @ rated load       |
| Auto Restart        | Standard                 | Standard                 | Standard                 | Standard                 |
| Shore Cord Input    | Single                   | Single                   | Single                   | Single                   |
| Output Power Rating | 45 kVA                   | 45 kVA                   | 45 kVA                   | 45 kVA                   |
| Output Power Form   | Single, Split            | Single, Split            | Single, Split            | Single, Split            |
| Upgradeability      | 54 kVA                   | 54 kVA                   | 54 kVA                   | 54 kVA                   |
| Output Voltage      | 220, 230, 240, 120/240 V | 220, 230, 240, 120/240 V | 220, 230, 240, 120/240 V | 220, 230, 240, 120/240 V |
| Output Frequency    | 50/60 Hz                 | 50/60 Hz                 | 50/60 Hz                 | 50/60 Hz                 |
| Output Current      | See table below          | See table below          | See table below          | See table below          |
| Efficiency          | 91% @ rated load         | 91% @ rated load         | 91% @ rated load         | 91% @ rated load         |
| Cooling             | Air                      | Air                      | Air                      | Air                      |
| Mounting            | Floor                    | Floor                    | Floor                    | Floor                    |
| Series              | Standard                 | Standard                 | Standard                 | Standard                 |
| Enclosure Style     | Standard                 | Wall Hugger              | Standard                 | Wall Hugger              |
| Legacy Enclosure    | D                        | N                        | D                        | N                        |
| Weight              | 386 kg / 851 lbs         | 404 kg / 891 lbs         | 386 kg / 851 lbs         | 404 kg / 891 lbs         |
| Height              | 104.1 cm / 41.0 in       | 151.5 cm / 59.6 in       | 104.1 cm / 41.0 in       | 151.5 cm / 59.6 in       |
| Width               | 60.7 cm / 23.9 in        | 151.9 cm / 59.8 in       | 60.7 cm / 23.9 in        | 151.9 cm / 59.8 in       |
| Depth               | 76.8 cm / 30.2 in        | 25.4 cm / 10 in          | 76.8 cm / 30.2 in        | 25.4 cm / 10 in          |

# Standard Series (24-54 kVA)

| Model               | AC54-1                   | AC54WH-1                 | AC54-3  | AC54WH-3                                      |
|---------------------|--------------------------|--------------------------|---|---|
| Part Number         | 604516                   | 604546                   | 604513  | 604569  |
| Input Power Form    | Single, Three            | Single, Three            | Single, Three                                 | Single, Three                                 |
| Input Voltage       | 170-520 V                | 170-520 V                | 170-520 V                                     | 170-520 V                                     |
| Input Frequency     | 40-70 Hz                 | 40-70 Hz                 | 40-70 Hz                                      | 40-70 Hz                                      |
| Power Factor        | >0.99 @ rated load       | >0.99 @ rated load       | >0.99 @ rated load                            | >0.99 @ rated load                            |
| Auto Restart        | Standard                 | Standard                 | Standard                                      | Standard                                      |
| Shore Cord Input    | Single                   | Single                   | Single  | Single  |
| Output Power Rating | 54 kVA                   | 54 kVA                   | 54 kVA  | 54 kVA  |
| Output Power Form   | Single, Split            | Single, Split            | Three   | Three   |
| Upgradeability      | N/A                      | N/A                      | N/A   | N/A   |
| Output Voltage      | 220, 230, 240, 120/240 V | 220, 230, 240, 120/240 V | 120/208, 127/220, 220/380, 230/400, 240/416 V | 120/208, 127/220, 220/380, 230/400, 240/416 V |
| Output Frequency    | 50/60 Hz                 | 50/60 Hz                 | 50/60 Hz                                      | 50/60 Hz                                      |
| Output Current      | See table below          | See table below          | See table below                               | See table below                               |
| Efficiency          | 91% @ rated load         | 91% @ rated load         | 91% @ rated load                              | 91% @ rated load                              |
| Cooling             | Air                      | Air                      | Air   | Air   |
| Mounting            | Floor                    | Floor                    | Floor   | Floor   |
| Series              | Standard                 | Standard                 | Standard                                      | Standard                                      |
| Enclosure Style     | Standard                 | Wall Hugger              | Standard                                      | Wall Hugger                                   |
| Legacy Enclosure    | D                        | N                        | D   | N   |
| Weight              | 404 kg / 891 lbs         | 404 kg / 891 lbs         | 404 kg / 891 lbs                              | 404 kg / 891 lbs                              |
| Height              | 104.1 cm / 41.0 in       | 151.5 cm / 59.6 in       | 104.1 cm / 41.0 in                            | 151.5 cm / 59.6 in                            |
| Width               | 60.7 cm / 23.9 in        | 151.9 cm / 59.8 in       | 60.7 cm / 23.9 in                             | 151.9 cm / 59.8 in                            |
| Depth               | 76.8 cm / 30.2 in        | 25.4 cm / 10 in          | 76.8 cm / 30.2 in                             | 25.4 cm / 10 in                               |

# Standard Series (24-54 kVA)

## OUTPUT CURRENT

| Output Form    | 25 kVA  | 30 kVA  | 36 kVA  | 45 kVA  | 54 kVA  |
|----------------|---------|---------|---------|---------|---------|
| 1 Ø, 220 V     | 114 A/Ø | 136 A/Ø | 164 A/Ø | 205 A/Ø | 245 A/Ø |
| 1 Ø, 230 V     | 109 A/Ø | 130 A/Ø | 157 A/Ø | 196 A/Ø | 235 A/Ø |
| 1 Ø, 240 V     | 104 A/Ø | 125 A/Ø | 150 A/Ø | 187 A/Ø | 225 A/Ø |
| 2 Ø, 120/240 V | 104 A/Ø | 125 A/Ø | 150 A/Ø | 187 A/Ø | 225 A/Ø |
| 3 Ø, 120/208 V | 70 A/Ø  | 83 A/Ø  | 100 A/Ø | 125 A/Ø | 150 A/Ø |
| 3 Ø, 127/220 V | 66 A/Ø  | 79 A/Ø  | 94 A/Ø  | 118 A/Ø | 142 A/Ø |
| 3 Ø, 220/380 V | 38 A/Ø  | 45 A/Ø  | 55 A/Ø  | 68 A/Ø  | 81 A/Ø  |
| 3 Ø, 230/400 V | 36 A/Ø  | 43 A/Ø  | 52 A/Ø  | 65 A/Ø  | 78 A/Ø  |
| 3 Ø, 240/416 V | 35 A/Ø  | 42 A/Ø  | 50 A/Ø  | 63 A/Ø  | 75 A/Ø  |
| 3 Ø, 254/440 V | -       | -       | -       | 59 A/Ø  | 71 A/Ø  |