

# 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	24 kVA	24 kVA
Output Power Form	Single, Split	Single, Split	Single, Split
Upgradeability	30 or 36 kVA	30 or 36 kVA	30 or 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
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	24 kVA	24 kVA
Output Power Form	Single, Split	Single, Split	Single, Split
Upgradeability	30 or 36 kVA	30 or 36 kVA	30 or 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	128, 163 kg / 282, 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, 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	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