



AC Series

(8-18 kVA)



Dual Conversion Technology

Precision regulation and minimal harmonic distortion



Stainless Steel Enclosure

Powder coated for ultimate durability and protection



Bulkhead Mounting

Flexibility and ease of installation

The AC Series offers bulkhead mounted systems utilizing dual-conversion technology with a power output of 8-18 kVA. Being systems designed from the ground up specifically for the yachting industry, all efforts have been made to produce a system capable of sustaining the marine environment. All components are packaged in one drip-proof, dust-resistant aluminum and stainless steel enclosure.

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 such as status and diagnostics are available through the serial port for remote display.

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)

AC Series (8-18 kVA)

Model	AC08	AC081	AC08-3L*	AC08-3H*
Part Number	601000	N/A	N/A	N/A
Input Power Form	Single	Single	Three	Three
Input Voltage	170-520 V	170-520 V	170-260 V	330-520 V
Input Frequency	40-70 Hz	40-70 Hz	40-70 Hz	40-70 Hz
Power Factor	>0.95 @ rated load	>0.95 @ rated load	>0.95 @ rated load	>0.95 @ rated load
Shore Cord Input	Single	Single	Single	Single
Output Power Rating	8 kVA	8 kVA	8 kVA	8 kVA
Upgradeability	12 kVA	12 kVA	12 kVA	12 kVA
Output Power Form	Split	True Single	Split	Split
Output Voltage	110/220, 115/230, 120/240, 230, 240 V	110, 115, 120 V	110/220, 115/230, 120/240 V	110/220, 115/230, 120/240 V
Output Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Efficiency	87% @ rated load	87% @ rated load	87% @ rated load	87% @ rated load
Cooling	Air	Air	Air	Air
Mounting	Bulkhead	Bulkhead	Bulkhead	Bulkhead
Series	AC	AC	AC	AC
Enclosure Style	Standard	Standard	Standard	Standard
Legacy Enclosure	N/A	N/A	N/A	N/A
Weight	104 kg / 229 lbs	104 kg / 229 lbs	104 kg / 229 lbs	104 kg / 229 lbs
Height	50.8 cm / 20.0 in	50.8 cm / 20.0 in	50.8 cm / 20.0 in	50.8 cm / 20.0 in
Width	63.7 cm / 25.1 in	63.7 cm / 25.1 in	63.7 cm / 25.1 in	63.7 cm / 25.1 in
Depth	25.4 cm / 10.0 in	25.4 cm / 10.0 in	25.4 cm / 10.0 in	25.4 cm / 10.0 in

*Non-isolated

AC Series (8-18 kVA)

Model	AC12	AC121	AC12-3L*	AC12-3H*
Part Number	601001	601005	601002	601003
Input Power Form	Single	Single	Three	Three
Input Voltage	170-520 V	170-520 V	170-260 V	330-520 V
Input Frequency	40-70 Hz	40-70 Hz	40-70 Hz	40-70 Hz
Power Factor	>0.95 @ rated load	>0.95 @ rated load	>0.95 @ rated load	>0.95 @ rated load
Shore Cord Input	Single	Single	Single	Single
Output Power Rating	12 kVA	12 kVA	12 kVA	12 kVA
Upgradeability	N/A	N/A	N/A	N/A
Output Power Form	Split, Single	True Single	Split	Split
Output Voltage	110/220, 115/230, 120/240, 230, 240 V	110, 115, 120 V	110/220, 115/230, 120/240 V	110/220, 115/230, 120/240 V
Output Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Efficiency	88% @ rated load	88% @ rated load	88% @ rated load	88% @ rated load
Cooling	Air	Air	Air	Air
Mounting	Bulkhead	Bulkhead	Bulkhead	Bulkhead
Series	AC	AC	AC	AC
Enclosure Style	Standard	Standard	Standard	Standard
Legacy Enclosure	N/A	N/A	N/A	N/A
Weight	104 kg / 229 lbs	104 kg / 229 lbs	104 kg / 229 lbs	104 kg / 229 lbs
Height	50.8 cm / 20.0 in	50.8 cm / 20.0 in	50.8 cm / 20.0 in	50.8 cm / 20.0 in
Width	63.7 cm / 25.1 in	63.7 cm / 25.1 in	63.7 cm / 25.1 in	63.7 cm / 25.1 in
Depth	25.4 cm / 10.0 in	25.4 cm / 10.0 in	25.4 cm / 10.0 in	25.4 cm / 10.0 in

*Non-isolated

AC Series (8-18 kVA)

Model	AC15	AC15-3L*	AC15-3H*
Part Number	603000	603004	603005
Input Power Form	Single	Three	Three
Input Voltage	170-520 V	170-260 V	330-520 V
Input Frequency	40-70 Hz	40-70 Hz	40-70 Hz
Power Factor	0.95 @ rated load	0.95 @ rated load	0.95 @ rated load
Shore Cord Input	Single	Single	Single
Output Power Rating	15 kVA	15 kVA	15 kVA
Upgradeability	18 kVA	18 kVA	18 kVA
Output Power Form	Split	Split	Split
Output Voltage	110/220, 115/230, 120/240, 230, 240 V	110/220, 115/230, 120/240 V	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	Bulkhead	Bulkhead	Bulkhead
Series	AC	AC	AC
Enclosure Style	Standard	Standard	Standard
Legacy Enclosure	N/A	N/A	N/A
Weight	136 kg / 300 lbs	136 kg / 300 lbs	136 kg / 300 lbs
Height	56.9 cm / 22.4 in	56.9 cm / 22.4 in	56.9 cm / 22.4 in
Width	79.0 cm / 31.1 in	79.0 cm / 31.1 in	79.0 cm / 31.1 in
Depth	30.5 cm / 12.0 in	30.5 cm / 12.0 in	30.5 cm / 12.0 in

*Non-isolated

AC Series (8-18 kVA)

Model	AC18	AC18-3L*	AC18-3H*
Part Number	603001	603002	603003
Input Power Form	Single	Three	Three
Input Voltage	170-520 V	170-260 V	330-520 V
Input Frequency	40-70 Hz	40-70 Hz	40-70 Hz
Power Factor	0.95 @ rated load	0.95 @ rated load	0.95 @ rated load
Shore Cord Input	Single	Single	Single
Output Power Rating	18 kVA	18 kVA	18 kVA
Upgradeability	N/A	N/A	N/A
Output Power Form	Split	Split	Split
Output Voltage	110/220, 115/230, 120/240, 230, 240 V	110/220, 115/230, 120/240 V	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	Bulkhead	Bulkhead	Bulkhead
Series	AC	AC	AC
Enclosure Style	Standard	Standard	Standard
Legacy Enclosure	N/A	N/A	N/A
Weight	136 kg / 300 lbs	136 kg / 300 lbs	136 kg / 300 lbs
Height	56.9 cm / 22.4 in	56.9 cm / 22.4 in	56.9 cm / 22.4 in
Width	79.0 cm / 31.1 in	79.0 cm / 31.1 in	79.0 cm / 31.1 in
Depth	30.5 cm / 12.0 in	30.5 cm / 12.0 in	30.5 cm / 12.0 in

*Non-isolated

AC Series (8-18 kVA)

OUTPUT CURRENT

Output Form	8 kVA	12 kVA	15 kVA	18 kVA
1 Ø, 110 V	73 A	110 A	137 A	164 A
1 Ø, 115 V	70 A	105 A	131 A	157 A
1 Ø, 120 V	67 A	100 A	125 A	150 A
1 Ø, 220 V	37 A	55 A	69 A	82 A
1 Ø, 230 V	35 A	53 A	66 A	79 A
1 Ø, 240 V	34 A	50 A	63 A	75 A
2 Ø, 110/220 V	37 A	55 A	69 A	82 A
2 Ø, 115/230 V	35 A	53 A	66 A	79 A
2 Ø, 120/240 V	34 A	50 A	63 A	75 A