

MODEL
AC 25-125

STANDARD

SERIES

DURABLE, RELIABLE SHORE POWER CONVERTER

The **Standard Series** is customizable to fit virtually any space. Made from stainless steel the unit is durable, reliable, and less susceptible to electromagnetic interference.



FEATURES

- Auto-Restart from shore brownout or blackout
- Conformal coated printed circuit boards
- Stainless steel enclosures for ultimate durability
- Precision regulation
- Minimal harmonic distortion
- Parallelable for increased output power requirements
- <1% Load Regulation
- Fully customizable

WEIGHTS AND DIMS

standard "S" cabinet

MODEL(S)	DIMENSIONS	WEIGHT
AC25	in - 40.94 x 18.00 x 30.25 (cm - 104.0 x 45.7 x 76.8)	606bs (275kg)
AC30/36	in - 40.94 x 18.00 x 30.25 (cm - 104.0 x 45.7 x 76.8)	628lbs (285kg)
AC36/45/54 (1/3)	in - 41.00 x 23.88 x 30.25 (cm - 104.1 x 60.7 x 76.8)	825/850/890lbs (374/386/404kg)
AC55/63/75-3	in - 50.00 x 23.88 x 30.25 (cm - 127.0 x 60.6 x 76.8)	1240lbs (563kg)
AC90/100-3	in - 50.00 x 23.88 x 34.25 (cm - 127.0 x 60.6 x 87.0)	1400lbs (635kg)

BENEFITS

CUSTOMIZABLE

Standard Series units are built to order and completely customizable. Each unit can accept a variety of options and be paralleled to meet additional power requirements.

RELIABLE TECHNOLOGY

The Standard Series provides precision regulation and low harmonic distortion for smooth, uninterrupted, and reliable power.

DURABLE BUILD

Built to withstand the most demanding marine environments, stainless steel enclosures provide ultimate protection and durability.

**CONTACT US
 FOR PRICING**

RELATED SOLUTIONS
 TP (Two Piece)

SPECIFICATIONS

POWER LEVEL 50-125KVA (100-330KVA TWO CABINETS PARALLELED)

INPUT	AC50-3	AC63-3	AC75-3	AC90-3	AC100-3	AC125-3
PHASE	three	three	three	three	three	three
VOLTAGE	170-520VAC	170-520VAC	170-520VAC	170-520VAC	170-520VAC	170-520VAC
FREQUENCY	40-70Hz	40-70Hz	40-70Hz	40-70Hz	40-70Hz	40-70Hz
POWER FACTOR	> 0.98 at Rate Load	> 0.98 at Rate Load	> 0.98 at Rate Load	> 0.98 at Rate Load	> 0.98 at Rate Load	> 0.98 at Rate Load
AUTO-RESTART	Standard	Standard	Standard	Standard	Standard	Standard
SHORE CORD	single/dual	single/dual	single/dual	single/dual	single/dual	single/dual

OUTPUT	AC50-3	AC63-3	AC75-3	AC90-3	AC100-3	AC125-3	
BASE POWER LEVEL	50kVA	63kVA	75kVA	90kVA	100kVA	125kVA	
PHASE	three	three	three	three	three	three	
UPGRADEABLE	63-75kVA parallelable	75kVA parallelable	parallelable	parallelable	parallelable	parallelable	
PARALLELED POWER LEVEL	100kVA	125kVA	150kVA	180kVA	200kVA	250kVA	
POWER FORM	120/208VAC 127/220VAC 220/380VAC 230/400VAC 240/415VAC	120/208VAC 127/220VAC 220/380VAC 230/400VAC 240/415VAC	120/208VAC 127/220VAC 220/380VAC 230/400VAC 240/415VAC	120/208VAC 127/220VAC 220/380VAC 230/400VAC 240/415VAC	120/208VAC 127/220VAC 220/380VAC 230/400VAC 240/415VAC	120/208VAC 127/220VAC 220/380VAC 230/400VAC 240/415VAC	120/208VAC 127/220VAC 220/380VAC 230/400VAC 240/415VAC
FREQUENCY	50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz	
CURRENT	80A at 230/400VAC 152A at 120/208VAC	91A at 230/400VAC 175A at 120/208VAC	109A 230/400VAC 209A at 230/400VAC	131A at 230/400VAC 250A at 120/208VAC	145A at 230/400VAC 278A at 120/208VAC	150A at 277/480VAC 181A at 230/400VAC	
EFFICIENCY	92%	93%	93%	93%	93%	94%	



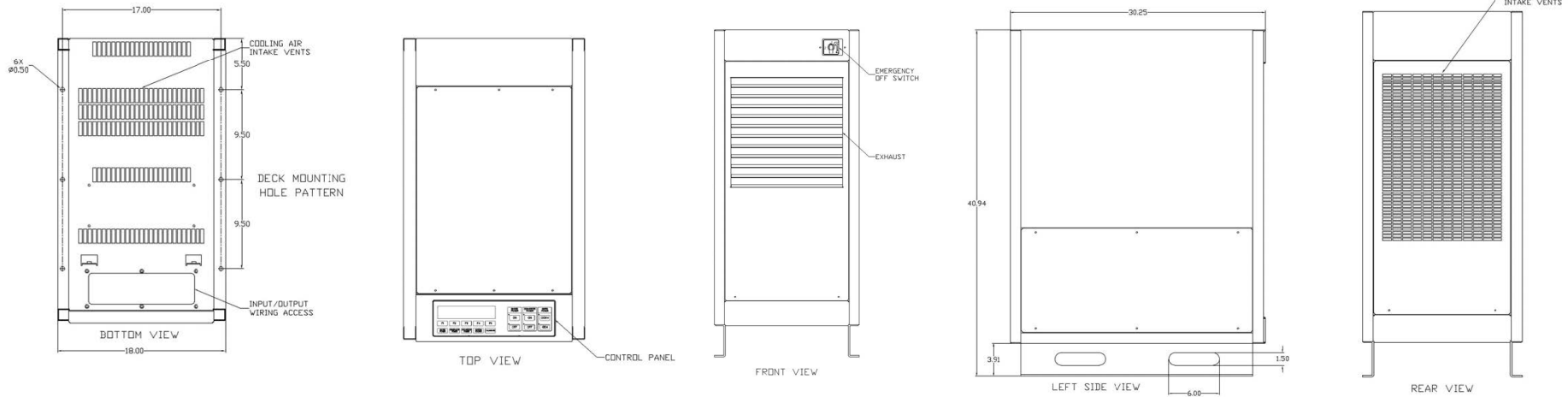
CABINET DETAILS

MECHANICAL DRAWINGS AND STYLES

AC25 TO 36

STANDARD

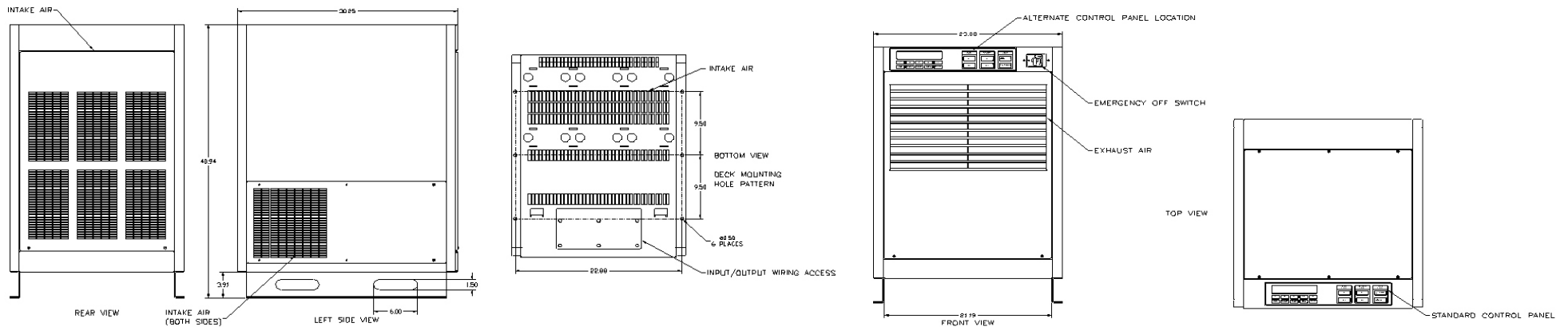
cabinet style = "F" / "S"



AC36-1/-3 TO 54-1/-3

STANDARD

cabinet style = "D"

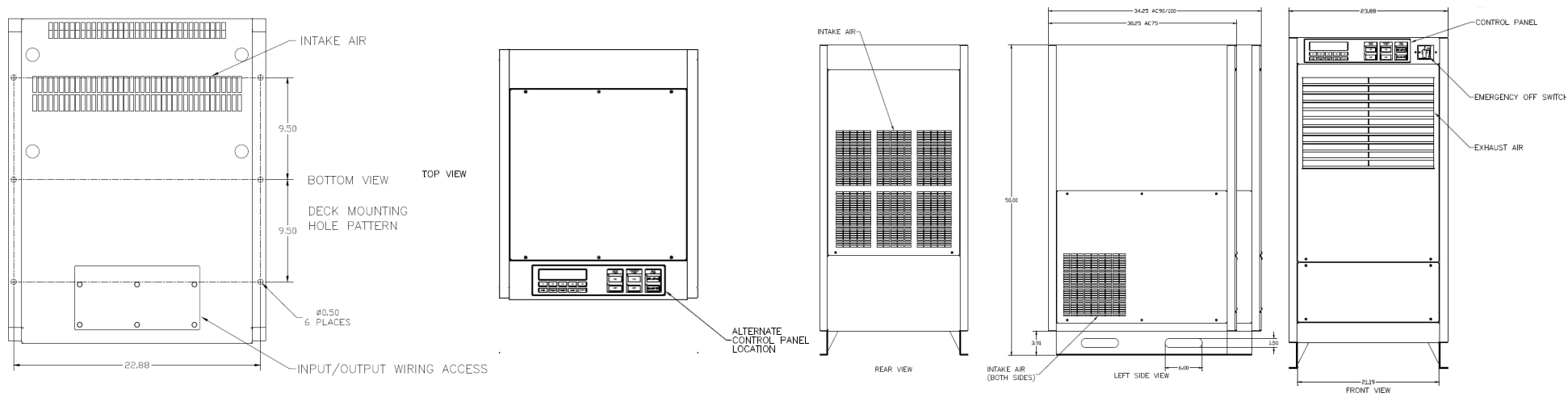


For **custom solutions**, please contact the factory at sales@aseapower.com.

CABINET DETAILS *(continued)*

MECHANICAL DRAWINGS AND STYLES

AC50-3 TO 100-3 STANDARD cabinet style = "E"



ADDITIONAL STYLES ARE AVAILABLE FOR CUSTOM REQUIREMENTS INCLUDING:

TWO PIECE CABINETS (TP SERIES)

HEAT EXCHANGER (HE SERIES)

VERTICAL UNIT (NV SERIES)

LIQUID COOLED (LC SERIES)

MODULAR (Q SERIES)

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CUSTOM OPTIONS

ADDITIONAL FEATURES TO MEET YOUR NEEDS

OUR TEAM OF
ENGINEERS IS
CONTINUOUSLY
WORKING TO
DEVELOP **NEW**
TECHNOLOGY TO
FIT YOUR NEEDS.

Don't see what you need here?
Contact us at sales@aseapower.com.

SEAMLESS TRANSFER OPTION (STO)

ASEA Power offers one of the most reliable seamless transfer systems on the market. Our STO eliminates the need for a PLC-STO system and has the ability to transfer up to four generators seamlessly, eliminating interruptions in power whether the direction is to the shore or the generator.

REMOTE TOUCH PANEL (RTP)

Monitor and control an ASEA Power shore power converter from a distance of up to 1,000 feet with a remote touch panel that uses modbus RS-485 communication technology.

CONVERTER OUTPUT CIRCUIT BREAKER OPTION (COCBO)

This custom ASEA Power option controls the external shore circuit breaker to isolate the converter from bus when not in use.

K2A/K4A AUXILIARY

With online and standby dry contact confirmation signals, these auxiliaries are capable of controlling another device or sending a status-indicating signal.

DUAL MASTER CONTROL

Take advantage of the capability to run two power distribution buses at the same time or separately – ASEA Power's dual master controls run in parallel or independent of one another.

PROGRAMMABLE LOGIC CONTROL

Conveniently control your ASEA Power shore power converter remotely using a 24V input.

UNINTERRUPTED POWER SUPPLY (UPS)

Delivering uninterrupted power quality and convenience for ship operations and passengers, the ASEA Power Extender is there to provide backup power to the ship's systems if the shore power should become unstable or unavailable. The system maintains steady and stable power flow while the generator sets are brought online or the shore power returns.

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