

# SILENT HARBORS, CLEANER SEAS

## Build or refit yachts with reliable global shore power

Reduced generator use means less noise, smaller carbon footprint, and lower operating cost



### **NEW** LIQUID-COOLED LCZ SERIES SHORE POWER CONVERTER

The LCZ Series shore power converters are integrated with the ship's chilled water system. Specifically designed for ease of installation and maintenance.

- Water-cooled to run at higher ambient air temperatures
- Modular design to fit through engine room hatches
- IP44 water-resistant enclosure
- Inverter redundancy to work at reduced load if there is a power module issue
- Isolation transformer for galvanic protection
- Slide-out module access tray for ease of access

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Features	LC	LCZ
Size	107.0 x 60.3 x 76.2 cm	106.7 x 57.5 x 76.2 cm
IP rating	IP22	IP44
Service access	Screw mounted panel	Hinged door with latch and slide out module tray
Weight	612 kg	505 kg
Inverter redundancy	No	Yes
Ambient air temperature range	0–45°C	0–50°C

## LIQUID-COOLED LCZ SERIES

### SHORE POWER CONVERTER

Model	AC55LCZ	AC63LCZ	AC75LCZ
Input power form	Three	Three	Three
Input voltage	170–520 V	170–520 V	170–520 V
Input frequency	40–70 Hz	40–70 Hz	40–70 Hz
Power factor	> 0.99 at rated load	> 0.99 at rated load	> 0.99 at rated load
Auto restart	Standard	Standard	Standard
Shore cord input	Single	Single	Single
Output power rating	55 kVA	63 kVA	75 kVA
Output power form	Three	Three	Three
Dual cabinet configuration	AC110LCZ	AC125LCZ	AC150LCZ
Output voltage	120/208 V, 127/220 V, 220/380 V, 230/400 V, 240/415 V, 254/440 V, 262/454 V, 277/480 V	120/208 V, 127/220 V, 220/380 V, 230/400 V, 240/415 V, 254/440 V, 262/454 V, 277/480 V	120/208 V, 127/220 V, 220/380 V, 230/400 V, 240/415 V, 254/440 V, 262/454 V, 277/480 V
Output frequency	50 Hz / 60 Hz	50 Hz / 60 Hz	50 Hz / 60 Hz
Cooling	Liquid	Liquid	Liquid
Mounting	Floor	Floor	Floor
Series	LCZ	LCZ	LCZ
Enclosure style	LC	LC	LC
Weight	1113.3 lb / 505 kg	1113.3 lb / 505 kg	1113.3 lb / 505 kg
Height	42.0 in / 106.7 cm	42.0 in / 106.7 cm	42.0 in / 106.7 cm
Width	22.64 in / 57.5 cm	22.64 in / 57.5 cm	22.64 in / 57.5 cm
Depth	30.0 in / 76.2 cm	30.0 in / 76.2 cm	30.0 in / 76.2 cm

