



# Liquid Cooled LCZ Series (55–150 kVA)



## Sealed Internal Cooling

Water cooling allows for installation in warm environments



## High Power Density

Compact design allows for high power in a small package



## Stainless Steel & Aluminum

Powder coated for ultimate durability and protection

The Liquid Cooled LCZ Series shore power converters are integrated with the ship's cool water system. It is rated IP44 to meet IEC 60092/507 for yachts over 24 m and has inverter redundancy for increased durability. Specifically designed in a modular fashion and compact size, the LCZ is made to fit through standard engine room door widths.

## MORE FEATURES

- 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
- Global support network

### 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)

# Liquid Cooled LCZ Series (55-150 kVA)

Model	AC55LCZ	AC63LCZ	AC75LCZ
Part Number	-	-	-
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, 127/220, 220/380, 230/400, 240/415, 254/440, 262/454, 277/480 V	120/208, 127/220, 220/380, 230/400, 240/415, 254/440, 262/454, 277/480 V	120/208, 127/220, 220/380, 230/400, 240/415, 254/440, 262/454, 277/480 V
Efficiency	94%	94%	94%
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