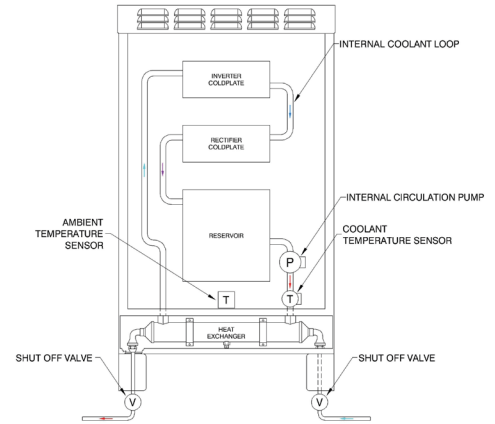


**refer to product manual for proper installation requirements*

Liquid Cooled Series (15-165 kVA)

The Liquid Cooled (LC) Series shore power converters are internally oil-cooled, where a customer-managed water cooling loop carries away heat energy from the cooling oil via a base-mounted heat exchanger. The main oil reservoir is sealed and splash-proof.

The LC models utilize dual-conversion technology where the shore power service is isolated by the transformer and then converted to DC power by the DC power supply module.



Sealed Internal Cooling

Oil cooling allows for installation in warm environments



High Power Density

Compact design allows for high power in a small package



Stainless Steel & Aluminum

Power coated for ultimate durability and protection

POWER RANGE



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)

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

LC Series (55-125 kVA)

| MODEL | AC55LC-3 | AC63LC-3 | AC75LC-3 |
|---------------------|---|---|---|
| PART NUMBER | 616722 | 616724 | 616726 |
| 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 | >0.98 @ rated load | >0.98 @ rated load | >0.98 @ 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 |
| UPGRADEABILITY | 63 or 75 kVA | 75 kVA | N/A |
| OUTPUT VOLTAGE | 220/380V, 230/400V, 240/416V, 254/440V, 277/480V | 220/380V, 230/400V, 240/416V, 254/440V, 277/480V | 220/380V, 230/400V, 240/416V, 254/440V, 277/480V |
| OUTPUT FREQUENCY | 50 Hz / 60 Hz | 50 Hz / 60 Hz | 50 Hz / 60 Hz |
| OUTPUT CURRENT | See table below | See table below | See table below |
| EFFICIENCY | 92% @ rated load | 92% @ rated load | 92% @ rated load |
| COOLING | closed oil loop cooled by heat exchanger | closed oil loop cooled by heat exchanger | closed oil loop cooled by heat exchanger |
| MOUNTING | Floor | Floor | Floor |
| SERIES | Liquid Cooled | Liquid Cooled | Liquid Cooled |
| ENCLOSURE STYLE | Standard | Standard | Standard |
| LEGACY ENCLOSURE | S | S | S |
| WEIGHT | 612 kg / 1350 lbs | 612 kg / 1350 lbs | 612 kg / 1350 lbs |
| HEIGHT | 107.0 cm / 42.1 in | 107.0 cm / 42.1 in | 107.0 cm / 42.1 in |
| WIDTH | 60.3 cm / 23.7 in | 60.3 cm / 23.7 in | 60.3 cm / 23.7 in |
| DEPTH | 76.2 cm / 30 in | 76.2 cm / 30 in | 76.2 cm / 30 in |

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LC Series (55-125 kVA)

| MODEL | AC90LC-3 | AC100LC-3 | AC125LC-3 |
|---------------------|---|---|---|
| PART NUMBER | 617720 | 617722 | 617726 |
| 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 | >0.98 @ rated load | >0.98 @ rated load | >0.98 @ rated load |
| AUTO RESTART | Standard | Standard | Standard |
| SHORE CORD INPUT | Single | Single | Single |
| OUTPUT POWER RATING | 90 kVA | 100 kVA | 125 kVA |
| OUTPUT POWER FORM | Three | Three | Three |
| UPGRADEABILITY | 100 or 125 kVA | 125 kVA | N/A |
| OUTPUT VOLTAGE | 220/380V, 230/400V, 240/416V, 254/440V, 277/480V | 220/380V, 230/400V, 240/416V, 254/440V, 277/480V | 220/380V, 230/400V, 240/416V, 254/440V, 277/480V |
| OUTPUT FREQUENCY | 50 Hz / 60 Hz | 50 Hz / 60 Hz | 50 Hz / 60 Hz |
| OUTPUT CURRENT | See table below | See table below | See table below |
| EFFICIENCY | 93% @ rated load | 93% @ rated load | 93% @ rated load |
| COOLING | closed oil loop cooled by heat exchanger | closed oil loop cooled by heat exchanger | closed oil loop cooled by heat exchanger |
| MOUNTING | Floor | Floor | Floor |
| SERIES | Liquid Cooled | Liquid Cooled | Liquid Cooled |
| ENCLOSURE STYLE | Standard | Standard | Standard |
| LEGACY ENCLOSURE | U | U | U |
| WEIGHT | 869 kg / 1916 lbs | 869 kg / 1916 lbs | 869 kg / 1916 lbs |
| HEIGHT | 119.4 cm / 47.0 in | 119.4 cm / 47.0 in | 119.4 cm / 47.0 in |
| WIDTH | 67.3 cm / 26.5 in | 67.3 cm / 26.5 in | 67.3 cm / 26.5 in |
| DEPTH | 87.3 cm / 34.4 in | 87.3 cm / 34.4 in | 87.3 cm / 34.4 in |

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LC Series (55-125 kVA)

OUTPUT CURRENT

| Output Form | AC55LC-3 | AC63LC-3 | AC75LC-3 |
|----------------|----------|----------|----------|
| 3 Ø, 277/480 V | 66 A/Ø | 76 A/Ø | 90 A/Ø |
| 3 Ø, 254/440 V | 72 A/Ø | 83 A/Ø | 98 A/Ø |
| 3 Ø, 240/416 V | 76 A/Ø | 88 A/Ø | 104 A/Ø |
| 3 Ø, 230/400 V | 80 A/Ø | 91 A/Ø | 109 A/Ø |
| 3 Ø, 220/380 V | 83 A/Ø | 95 A/Ø | 114 A/Ø |
| 3 Ø, 127/220 V | 144 A/Ø | 165 A/Ø | 197 A/Ø |
| 3 Ø, 120/208 V | 152 A/Ø | 175 A/Ø | 209 A/Ø |

| Output Form | AC90LC-3 | AC100LC-3 | AC125LC-3 |
|----------------|----------|-----------|-----------|
| 3 Ø, 277/480 V | 108 A/Ø | 120 A/Ø | 150 A/Ø |
| 3 Ø, 254/440 V | 118 A/Ø | 131 A/Ø | 164 A/Ø |
| 3 Ø, 240/416 V | 125 A/Ø | 139 A/Ø | 174 A/Ø |
| 3 Ø, 230/400 V | 130 A/Ø | 145 A/Ø | 181 A/Ø |
| 3 Ø, 220/380 V | 136 A/Ø | 152 A/Ø | 189 A/Ø |
| 3 Ø, 127/220 V | - | - | - |
| 3 Ø, 120/208 V | - | - | - |

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This product can expose you to lead, a chemical which is known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

