

Power Systems
ASEA
106085QG
Isolation
Transformer



ASEA Power Systems 106085QG Isolation Transformer Owner's Manual

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ASEA Power Systems 106085QG Isolation Transformer



Specifications

- **Model:** Isolation Transformer (3.6, 12 kVA)
- **Input Voltage:** 120 VAC
- **Input Current:** 30 A
- **Output Voltage:** 120 VAC
- **Output Current:** 30 A
- **Output Frequency:** 60 Hz
- **Weight:** 55 lb
- **Height:** 21.6 cm / 8.5 in
- **Width:** 21.6 cm / 8.5 in
- **Width (with flange):** 27.4 cm / 10.8 in
- **Depth:** 26.7 cm / 10.5 in

Product Usage Instructions

ASEA's Isolation Transformer is a drop-in replacement for Charles IsoG2 designed to protect vessel under-fittings from galvanic corrosion and to shield on-board electronics from reverse polarity and shore power fluctuations. It also ensures

safety by preventing the boat from sending unintended electric currents into the surrounding water. It is commonly installed on cruisers, sailboats and some sport fish boats.

CERTIFICATIONS

- ABYC E-11.7.1 Complaint
- ABYC C-1500 (for ignition protection)
- UL 1500 (for ignition protection)
- UL 1561

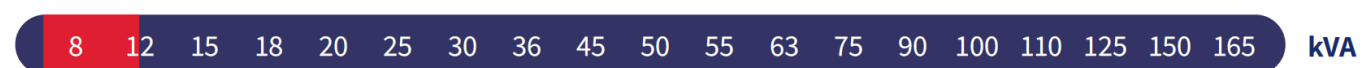
Installation

1. Ensure the power source is switched off before installation.
2. Mount the isolation transformer in a secure location near the boat's AC power system.
3. Connect the input and output terminals as per the provided wiring diagram.
4. Verify that all connections are secure before restoring power.

FEATURES

- Ensures clean and stable AC power for onboard electronics
- Reduces galvanic corrosion
- Ignition protected, safe for gasoline-powered vessels
- Maintains a safer marine environment
- Protection against reverse polarity
- Meets the latest NEC 555.35 marina code that ensures GFPE limits are not exceeded

Power Range



Commonly installed on



Ignition Protected ABYC compliant, safe for gasoline-powered vessels



Galvanic Corrosion Protection Protects the boat by isolating AC shore power from the boat's AC power system



Charles IsoG2 Replacement Designed as a direct drop-in and improved replacement

Maintenance

1. Regularly inspect for any signs of damage or corrosion.
2. Clean the unit periodically to prevent dust buildup.
3. Ensure proper ventilation around the transformer for optimal performance.

Troubleshooting

If the unit malfunctions or fails to operate correctly, refer to the user manual for troubleshooting steps or contact customer support for assistance.

About Us

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FAQs

Q: What vessels is the ASEA Isolation Transformer commonly installed on?

The ASEA Isolation Transformer is commonly installed on sailboats, cruisers, sport fish boats, yachts, superyachts, megayachts, and gigayachts.


Q: How does the Isolation Transformer protect vessels?

The Isolation Transformer protects vessels by isolating AC shore power from the boat's AC power system, preventing galvanic corrosion, shielding electronics from reverse polarity and power fluctuations, and ensuring safety by preventing unintended electric currents into the water.

Q: What certifications does the Isolation Transformer hold?

The Isolation Transformer is ABYC compliant and ignition protected, making it safe for use on gasoline-powered vessels.

Documents / Resources

	<p>ASEA Power Systems 106085QG Isolation Transformer [pdf] Owner's Manual 3.6 kVA, 12 kVA, 106085QG Isolation Transformer, 106085QG, Isolation Transformer, Transformer</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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