

MARINE TRANSFORMER



QPS Marine transformers are designed and manufactured in compliance with independent Marine Vessel requirements to achieve maximum safety during operation. Our transformers are suitable for operation and installation on board any type of vessel.

Marine application transformers are designed using high grade electrical material incorporating maximum safety and superior operational reliability.

QPS Marine transformers are approved by Marine standards such as DNV, ABS, Lloyd's Shipping Register, Bureau Veritas and RMRS.

The transformer is naturally air-cooled mounted in IP rated metal enclosures. FAT by third party independent body could be arranged upon customer's request, at an extra cost.

TECHNICAL SPECIFICATIONS

CAPACITY

- Up to 2500kVA

RATED VOLTAGE

- Up to 1000V
- Above 1000V (Customized Design)

RATED FREQUENCY

- 50Hertz or 60Hertz

AMBIENT TEMPERATURE

- 45°C
- Others upon request

INSULATION CLASSIFICATION

- Class F & H
- Others upon request

REFERENCE STANDARD

- IEC 60076
- IEC 61558

TRANSFORMER CORE MATERIAL

- High grade electrical steel

WINDING CONDUCTORS

- Copper or Aluminium wire
- Copper or Aluminium foils

OPTIONAL ACCESSORIES

- Enclosures up to IP54
- MCCB/MCB with or without shunt/under-voltage trip
- Ammeter and Voltmeter
- Temperature measurement device
- Fan fail detector
- Castor wheels
- Ventilation fan
- BMS free contacts
- Buzzer and Indication lights
- Earth Fault relays