



Elpro Seapower

Switchboards and distribution boards for the maritime market

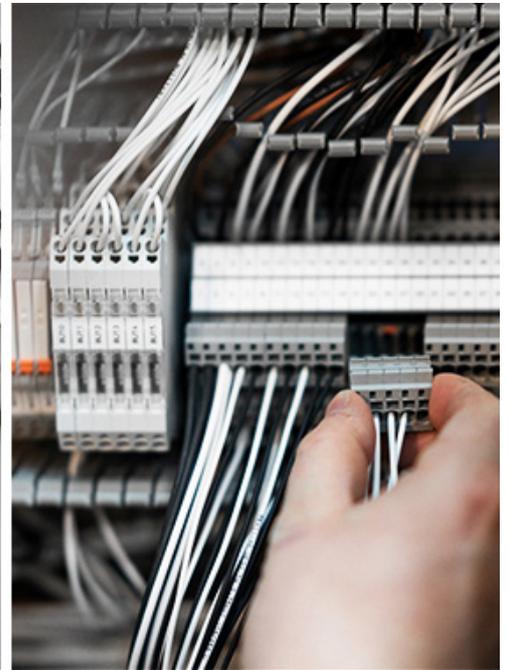
Elpro produces advanced switchboards and distribution boards for all types of vessels – and guarantees maximum utilization and control of all electrical power on board. Our switchboard solutions are tailored to custom specifications and needs – and ensures safe and seamless electrical distribution on board.

Reliability and longevity

All our switchboards are designed and produced in-house by our skilled engineers and fitters at our factory outside of Trondheim, Norway. Quality, service life and reliability are important keywords when we build our switchboard solutions. We choose components that ensure longevity and prioritize quality in all parts of the production process – from the metal plates arrive at the factory, until the switchboard is installed and commissioned.

We deliver:

- Main- and emergency switchboards
- DC-boards and converter cabinets
- Engine starters
- Drives
- Shore power cabinets
- Other types of switchboards and distribution boards
- Remodeling of old boards



Documentation, testing and certification

All Elpro switchboards are engineered and designed in strict accordance with the classification societies' requirements and standards. Our switchboards are carefully tested, and delivered with documentation produced with state-of-the-art software. You always receive a complete set of drawings in PDF format. In addition, we can deliver calculations and additional documentation.

- Short circuit calculations (IEC EN 61439)
- Selectivity analysis
- THD analysis
- Load balance

We also perform Factory Acceptance Test (FAT) with the customer and any classification company, to ensure that all parties feel confident the delivery meets the expectations.

Installation-friendly design

Our switchboard solutions have a flexible, robust and installation-friendly design. To ensure maximum utilization of valuable space on board the ship, all our switchboards are tailored and adapted to the individual vessel.

Our switchboards are known as being particularly easy to install and connect – and are often chosen to reduce the required number of installation hours.

Service agreement

During its lifetime, a maritime switchboard is exposed to large amounts of stress. Vibrations, external environment and general wear and tear affect the switchboard's components and function. With regular service and maintenance, the switchboard's service life is considerably extended. At the same time, the risk of serious errors while the ship is at sea is minimized.

We know that when something goes wrong, help must arrive immediately. Our service personnel are always ready to rush out, to assist vessels in distress all over the world. Where possible, we immediately carry out repairs on electrical components and equipment. If spare parts are required, we perform preventive maintenance and service to keep the vessel as operational as possible until spare parts can be ordered and installed.

We offer:

- Emergency response services world wide
- Service of circuit breakers, with lubrication and function testing
- Inspection of copper rails, cable- and terminal connections and insulators
- Testing of switch- and generator protection
- Troubleshooting and replacing defective components

About Elpro

The Elpro Group consists of three well-integrated business units; Solutions, Electro and Installation. Elpro has over 30 years of experience within the electro technical and electro mechanical sector. A wide spread of clients across our project portfolio has accumulated a lot of problem solving skills and industry knowledge. Talk to an experienced partner for your next project. Talk to Elpro!