

A white sailboat with a large white sail is sailing on a dark, choppy sea. The sky is dark blue with several bright, jagged lightning bolts striking down. The boat is positioned on the left side of the frame, moving towards the right. The overall mood is dramatic and emphasizes the need for lightning protection.

EUTHALIA
MARINE

***LIGHTNING
PROTECTION
SYSTEMS ARE NOT
ALL THE SAME.***

**Experience the only integrated
protection system designed
to protect your boat from any kind
of lightning and surges.**

SAILING WITH LIGHTNING? BEWARE OF THE RISKS.



Sailing in open sea is a unique experience, but it also carries risks, especially from lightning.

Due to climate change, storms are becoming more frequent and stronger, exposing your boat and everyone on board to significant risk. Lightning strikes at sea can be very dangerous.

Fires, explosions, and electric shocks can cause serious injuries or even death. Besides the risk to people, damage to your boat can be severe: electronic devices failure, structural damage, out of service radar, and very expensive repair costs.

Typologies of Lightning Strikes and Associated Risks.

Lightning can strike a boat in several different ways, and each type of strike involves specific risks:



DIRECT DESCENDING LIGHTNING

This type of lightning hits the boat directly, transferring all its energy instantaneously. It can cause severe structural damage, onboard fires, and pose a serious threat to the safety of people on board. Sensitive equipment such as radar, navigation and electrical systems can be destroyed instantly.



INDIRECT LIGHTNING

Around 80% of lightning events are indirect discharges that strike near the boat or the surface of the water. Even without a direct contact, the electrical current may flow back into the vessel through metallic components submerged in the water and electrically bonded to the onboard system, causing damage to electrical installations, radar, devices and fire risk.



DIRECT ASCENDING LIGHTNING

This type of discharge originates in the water and extends upward, towards the storm cloud. Although less frequent, it can still cause substantial damage to electronic equipment and represents a serious hazard to personnel on board.



SURGES AND ELECTROMAGNETIC INDUCTION

The energy from a lightning strike can be indirectly transferred to electronic circuits, compromising the operation of radar, engines, pumps, and other vital systems. Such effects may leave no visible traces but can result in severe damage.

PEACEFUL AND SAFE NAVIGATION, ALWAYS.

Understanding the different types of lightning strikes and their effects on a boat is the first step to prevent accidents and protect the crew, guests, and vessel itself.

For this reason, Euthalia Marine has developed a **modular lightning protection system**, tailored to the needs of every boat. The range starts with a **kit** designed to protect against direct descending strikes and extends to a **complete system** that safeguards the entire vessel, including onboard electronics, preventing damage from indirect strikes, surges, and electromagnetic induction.

DISCOVER OUR ANTIMPATTO® SYSTEM

**100%
LIGHTNING
FREE**

LIGHTNING CAN BE PREVENTED

It prevents the formation of discharges in the protected area, completely eliminating damage risk to the structure and electronics. Unlike lightning rods, Euthalia system does not attract the strike, nor does it try to manage or contain it. Its approach is to fully inhibit the formation of the discharge, focusing on true prevention.



PATENTED TECHNOLOGY

Our Made in Italy systems are developed using ANTIMPATTO® patented technology, a trusted guarantee of safety and reliability for over 70 years in lightning and surge protection.



EASY INSTALLATION

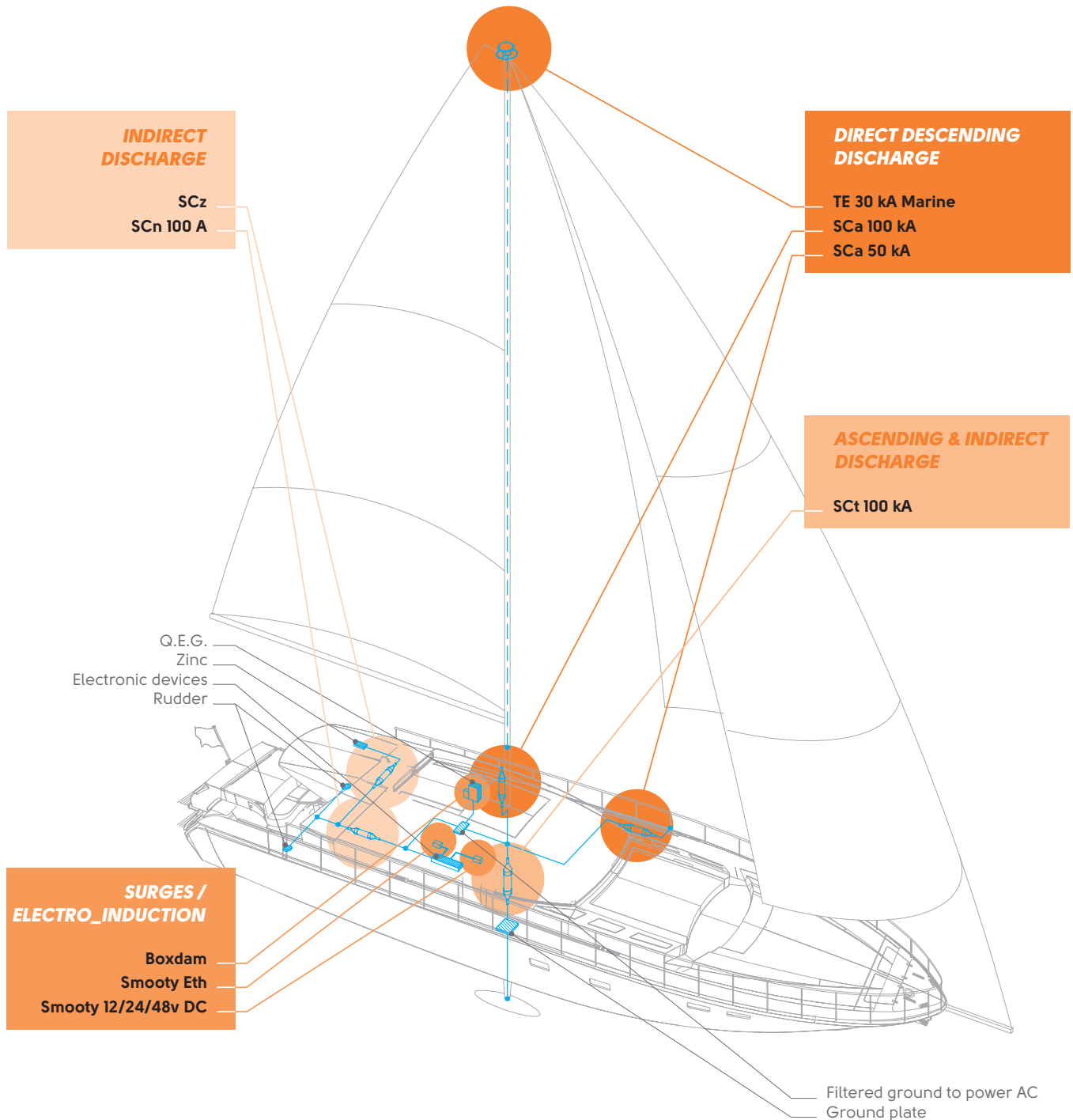
Designed for easy integration both on new builds and existing vessels.



FLEXIBILITY AND MODULARITY

Offered in multiple configurations for sailing and motor yachts of all sizes, each system is designed to match your boat's unique characteristics.

JOIN US ON BOARD AND LEARN HOW WE PREVENT LIGHTNING FORMATION.



OUR SYSTEM



AIR HEAD/
ANTENNA



HIGH IMPEDANCE
FILTER



SURGE PROTECTION
DEVICES

GLOSSARY

Surge: sudden, impulsive current peak caused by lightning strike which hits the shore power unit at dock, during power feed operation.

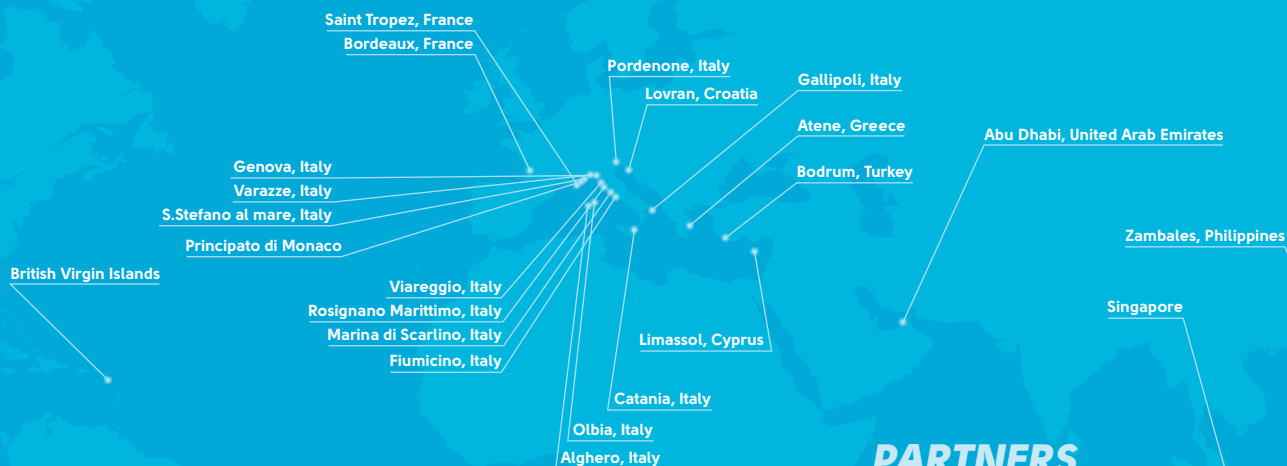
Electro-induction: electromagnetic pulses generated by lightning strike, which can induce high currents and voltages in circuits, with consequent damages to sensitive electronic components. This can have also serious effects on human health.

JOIN THE EUTHALIA MARINE PARTNER NETWORK.



We are the ideal partner for shipyards, dealers, and installers of marine electrical and electronic systems. We offer modular, easy-to-install solutions, dedicated technical support, and promotional materials to enhance your business.

We are constantly seeking new partners to grow our network and bring our lightning protection to an ever-growing fleet of vessels.



**PARTNERS
INSTALLERS
DISTRIBUTORS**



check out
the latest
list

EUTHALIA MARINE: YOUR NEW SUPPORTER AT SEA.

EUTHALIA Marine specializes in the distribution of lightning and surge protection systems specifically designed for boats. All our solutions are manufactured by **INGELVA**, a leading brand with over 70 years of international leadership in the industry.

EUTHALIA MARINE IS YOUR IDEAL PARTNER BECAUSE WE SUPPORT YOU THROUGHOUT THE DESIGN, TESTING, AND MAINTENANCE PHASES.



Upgrade your boat with Euthalia lightning protection systems,
and benefit from exclusive offers.

**Trust Euthalia Marine for professional advice,
an on-board inspection, and a customized quotation.**

TOLL-FREE NUMBER

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