



DEFA SECURITY AND DEFA POWERSYSTEMS

For a safer, carefree and more comfortable boating life



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SAFER WITH DEFA ALARM

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There are many pleasures connected with boating, but it is easy to forget how fast it all may disappear. Boat theft and burglary are unfortunately a reality – especially easy removable equipment like navigation and radio equipment, water sport equipment or other personal belongings one chooses to have onboard, are very exposed. Organised crime does not only look at boats but has

gone further on, resulting in theft of larger outboard engines. With DEFA Security you will have the markets most complete alarm system for boats and engines – a system which protects against theft just as well as burglary. If intruders move on to your boat you will receive an SMS at the same time as the alarm on board is triggered and the lanterns begin to flash.

LESS CONCERN WITH DEFA TRACKING

One thing is to lose one's assets, another thing is to lose the chance to experience boating. A theft leads to a lot of practical discomfort and it may take a long time before you receive any compensation. In the meantime you will have to do without your boat – it will either be at the repair shop or you may be waiting

for a new boat. With DEFA Security you can choose Tracking – a system which will send you an SMS if the boat is being moved. There is no doubt about it – any day during the season without your boat is the worst thing that could ever happen to you.

MORE COMFORTABLE WITH DEFA POWERSYSTEMS

There is no doubt that most boat owners prefer a more comfortable life on board – and comfort is often based on the requirements of electrical power. During the time ashore it is therefore necessary to connect the mains to charge the

batteries. With DEFA PowerSystems you can install it yourself and the system is designed for optimal safety against ground fault and galvanic corrosion.



If you choose the complete DEFA system, you will immediately be notified on your handheld if anybody tries to get onboard or if your boat is being stolen.

DEFA SECURITY IS A SECURITY SYSTEM WITH SOLUTIONS FOR EVERYTHING FROM THE OUTBOARD ENGINE TO THE MOST EXPENSIVE LEISURE BOATS.

DEFA Security is a family of flexible and modular based products which secure both the boat and the engine. The products fit all types of sailboats and motorboats and are controlled by remote controls. Intruders will understand that the boat is secured when they see the DEFA sticker and the blinking, blue LED light inside the boat.

DEFA Security gives you a boat you can communicate with

With DEFA Security the status panel will send a warning message through the blinking LED. Indicating that this boat has an alarm installed. If you choose DEFA's complete alarm and tracking system, you will immediately be notified on your handheld if somebody tries to break into your boat. You will also be notified when the battery level is low or if water has started seeping into your boat. At the very moment a thief jumps on board your boat a microwave sensor will sense the movement and immediately trigger a high pitched alarm siren, start flashing the lanterns and at the same time sending you an SMS from the boat to your handheld. You can put in 4 different mobile numbers at the same time; your own number, a couple of family members and maybe somebody you know who lives closer to the pier? If you should suddenly get this strange feeling that your boat is not safe, you can send an SMS and ask for status. DEFA Security will in a few moments reply the status for the predefined areas.

DEFA Tracking will let you know if your boat is being stolen

You may also choose to only buy DEFA Tracking. A tracking unit contains both a GPS-receiver which will position the boat and a GSM-subscription which sends information to your handheld. The tracking unit can either be installed inside your boat or in your outboard engine. Theft of outboard engines has shown an increasing trend the past years. It is therefore wise to install the tracking unit inside the outboard engine. This prevents both the outboard from being stolen and theft of the entire boat.

If your boat is being towed, stolen or is drifting off to sea, you

will receive an SMS on your handheld. DEFA Tracking can send the boat's position to your handheld and you can easily locate the boat through DEFA's website or by using the longitude and latitude coordinates on a draft.

You can save money on securing your boat

The insurance companies appreciate that you secure your boat with DEFA Security and Tracking. Several companies give a reduction in insurance premiums plus a reduction or exemption of the own risk share. The insurance companies therefore contribute with a major share in financing boat security systems. The advantages vary to what type of insurance you have. Contact your insurance company for more information regarding the specific advantages you may receive by installing DEFA's security solutions in your boat.

Two subscription possibilities for DEFA Security – with or without an alarm central

With DEFA Basic a 24-hour alarm central will be alerted if your boat is being stolen. DEFA Basic Light is a subscription which will notify you and three other people you have defined for SMS notification, but which will not include notifying the alarm central. Both DEFA Basic and Basic Light-subscription are supplied with a pre-installed SIM-card. Software updates are transferred continuously from DEFA to the handheld unit.



It is terrible to lose one's property, but even worse is to be without the boat lacking the experience and joy of sea life. The DEFA alarm will trigger a powerful siren and start flashing the lanterns should anybody try to enter the boat. If you have the whole DEFA Security system installed an SMS will be sent to up to four different mobile numbers. In this way you can find and recover your boat much faster.

DEFA POWERSYSTEMS. A SHORE POWER SYSTEM YOU CAN INSTALL YOURSELF!

Always enough power to start. All instruments working at all times. Always cold beverages. Shore power is the key to safety and comfort. At the same time electricity in boats has several serious problems needed to be approached. Galvanic corrosion has damaged a lot of boats and spoiled a lot of boating pleasures.

Fully charged batteries are a lifesaver

A good charging system is necessary in today's modern boats. Many boats are not used long enough in order to keep the batteries fully charged because using the boat consumes a lot of power. A battery needs power refill. With DEFA PowerSystems you will always have fully charged batteries after some time ashore. In a boat, having fully charged batteries may be of lifesaving importance when it comes to starting the engine,

maintaining navigation and communication possibilities, having lights working and for maintaining general precautions. The splash proof DEFA PowerSystems chargers are filled with silicone compound, are very rugged and they tolerate extreme usage. These tough products will never let you down.

230V socket on board

DEFA PowerSystems gives you 230V sockets with shore power and with DEFA's inverters you may also get 230V power at sea. A variety of switches and contact material of your choice, including TV outlets, can be supplied. And everything can be adapted to the boat's interior.

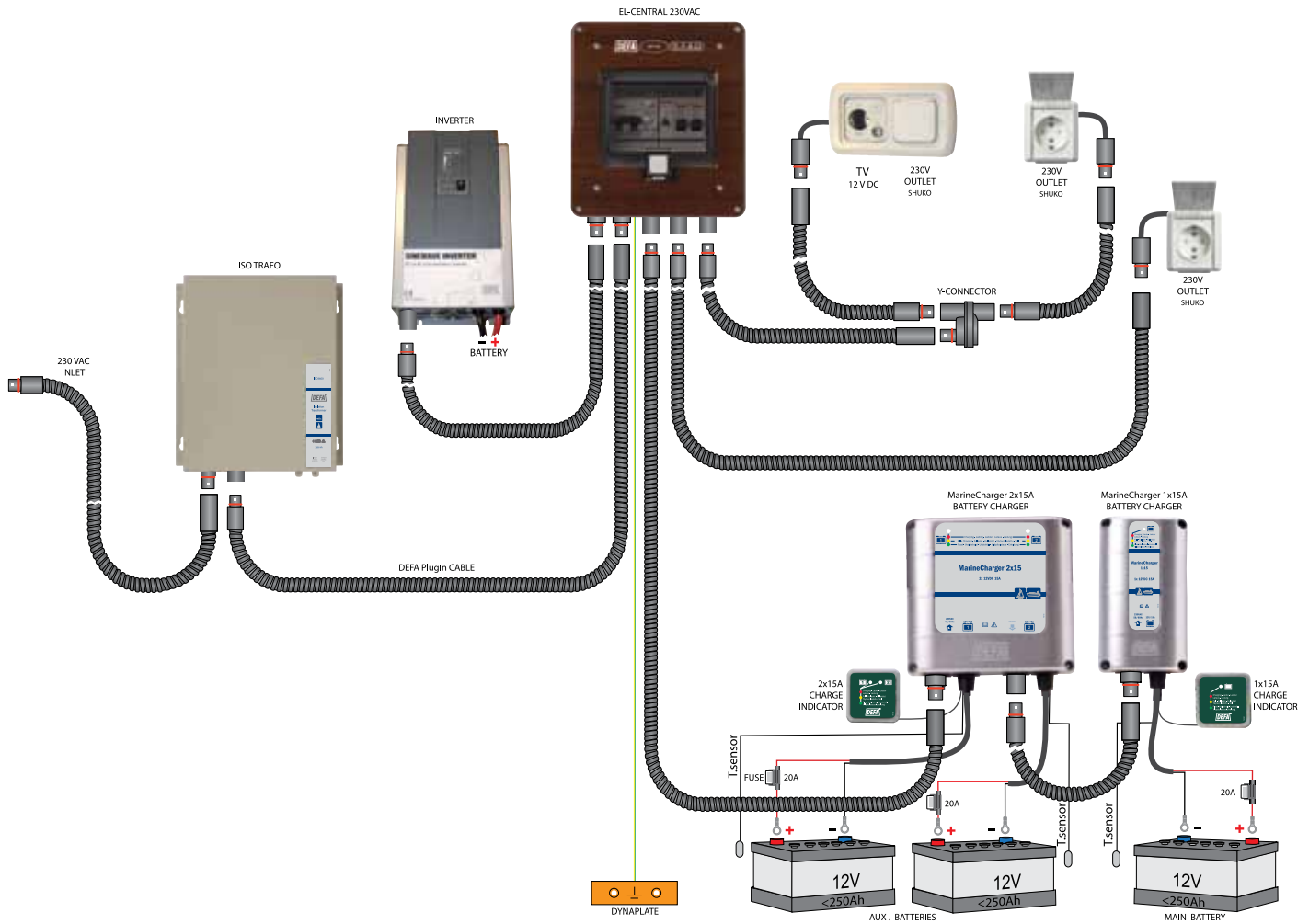
Plug & play – you can install yourself!

The secret reveals itself in the splash proof and adapted DEFA PlugIn connections. This is truly plug and play. It is designed in such a way that you do not need to call an authorized installer to put it all together. You can simply do the job yourself! With DEFA Power Systems you get at the same time a first class prevention for galvanic corrosion and ground fault.

Protection against galvanic corrosion

DEFA PowerSystems is of high quality, reliable and durable. The system is build around an el-central equipped with circuit breakers, a ground fault circuit breaker and a galvanic isolator. To obtain 100% of protection against galvanic corrosion it is recommended to install an ISO transformer.





The unique plug & play system with a splash proof and patented connections make sure you will enjoy all the benefits a solid shore power system can give you without the need of an authorized installer. You can simply do it all yourself!

ENJOY A SAFE BOATING SEASON WITH A COMPLETE SECURITY SYSTEM FROM DEFA



DT20 Tracking



DEFA alarm system with siren, LED, sensors and window module



TRY THESE DEFA PRODUCTS TOO

DEFA WarmUp

A complete system for a more environmentally and comfortable way of using your car on cold days. It consists of an engine pre-heater, interior heater and battery charger. You can buy the whole DEFA WarmUp system or parts of it.

DEFA Security

Theft from and of cars increase. With a good security system you can avoid irritating or sad incidents. The system includes shell protection of the car, motion sensor for interior detection and level sensor to monitor jacking up the car and finally a tracking system in case the car gets stolen.

DEFA Tracking

One can purchase tracking for cars separately - not included in the DEFA Security package for cars. It is of particular interest for securing and finding cars containing valuable contents like cargo trucks or craft cars carrying expensive work equipment and for finding and recovery of cars of affection value.

DEFA PowerSystems

A system for charging batteries for all sizes where a fully charged battery is necessary, for instance for electrical wheelchairs, lawn mowers, tools, vehicles, etc.

You can purchase products from DEFA when you buy a new boat or at leading boat stores and boat equipment stores.

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