

CLIX POWER SYSTEMS



PLUG-AND-PLAY SYSTEM FOR SHORE POWER INSTALLATIONS

MARINE AND MOBILE APPLICATIONS

Are you planning to install a shore power system on your boat, but you are not sure if you are:

- a) allowed to do it yourself
- b) capable of doing it yourself
- c) capable of selecting proper components.

CLIX Power Systems has a solution for you, and the solution will be ideal for every boatowner. For OEM's this system will offer major benefits and savings in labour and materials. You do not need an electrician to install **CLIX Power Systems** shore power solution. You can do it easily by yourself.

All connections are made with locking waterproof connectors, all cables are protected with oil and UV resistant plastic tube and all connection cables have clear and visible indication for their length and diameter.



What makes shore power installations so complicated?

The problem with shore power is the high voltage and the possibility of galvanic corrosion. In case of wrong installation, the damages can be serious. There is a risk of death for users and the problems for yachts caused by galvanic corrosion can be substantial.

Regulation and different standards are created to prevent these damages. According to these rules you are not allowed to install a shore power system by yourself in traditional way. A shore power system by **CLIX Power Systems** can be installed by anyone, because all the connections are already done. You just connect the connectors to each other, and there is no possibility to make a mistake.

All centrals by **CLIX Power Systems** contain the earth leakage switch (RCGI) and a certain amount of circuit breakers. All breakers are 2-pole versions.

Clix Power Systems has compiled three different do-it-yourself kits which cover most of the common shore power systems. It contains all necessary items you need when installing a shore power system. Battery chargers are not included in delivery as standard. The simple reason for that is the wide variety of different systems and the wide variety of battery capacities.

You need to size the charger according to your batteries in order to make the system work properly. When you are installing a CLIX shore power system, you can either use an possibly existing battery charger, or you can purchase one that matches exactly the needs of your system. **CLIX Power Systems** strongly recommends to use Mastervolt ChargeMaster battery chargers.

All shore power systems made by **CLIX Power Systems** are equipped with galvanic isolation, except the smallest, MINI.

CLIX MINI

Here is the smallest of our systems. This is very basic system designed for simple shore power system. This is mostly used in boats between 6-8 m, where you need are basically battery charging and supply to 230V outlets. The package includes:

- 1 pc 15 m shore cable with plugs and indication light
- 1 pc stainless steel inlet for shore power
- 1 pc shore power central Clix Mini with RCD 16A/30mA
- 2 pcs 1m connection cables, 3 x 2,5 mm²
- 2 pcs surface mounted IP44 white outlets with cover
- 1 pc Y-piece, 1 pc CEE adapter

CLIX System MINI

9001000

CLIX MEDIUM

Here is the middle version of our systems. This system is more advanced and mostly used in boats with waterheater. It includes a dedicated breaker for heater. The package includes:

- 1 pc 25 m shore cable with plugs and indication light
- 1 pc stainless steel inlet for shore power
- 1 pc shore power central Clix Medium with RCD 16A/30mA and 3 pcs 10A breakers
- 2 pcs 1m connection cables, 3 x 2,5 mm²
- 2 pcs 2m connection cables, 3 x 2,5 mm²
- 3 pcs surface mounted IP44 white outlets with cover
- 1 pc Y-piece, 1 pc CEE adapter
- galvanic isolation for shore power

CLIX System MEDIUM

9002000

CLIX MAXI

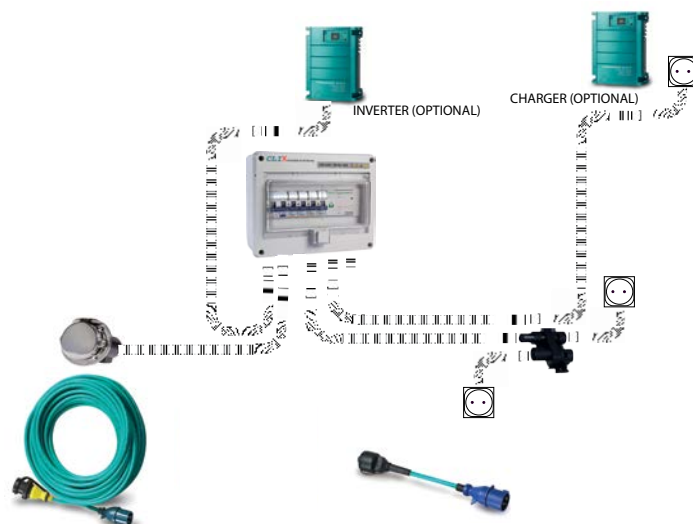
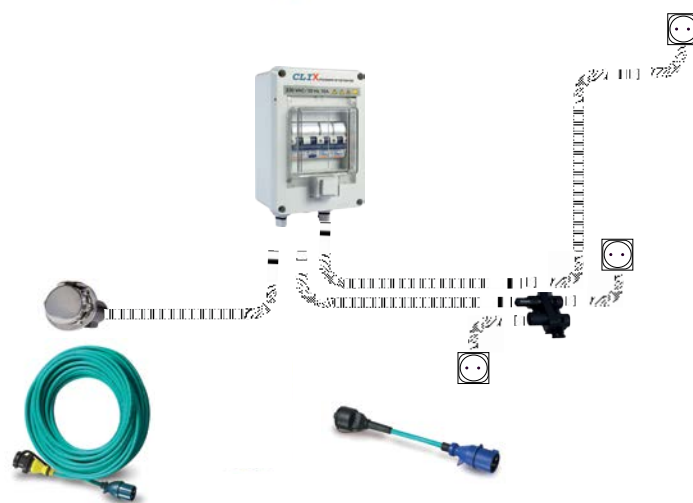
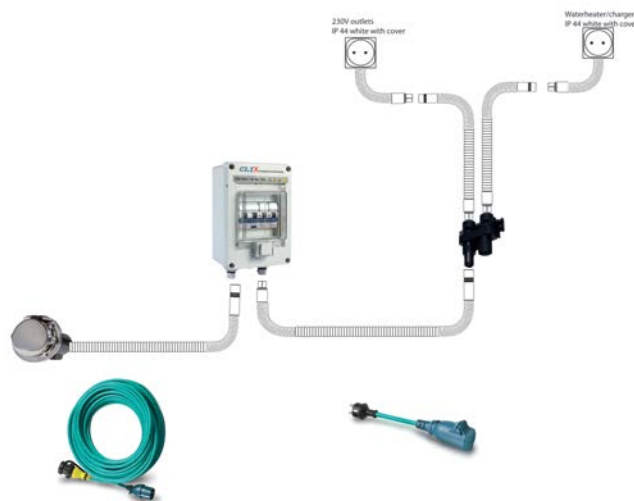
Largest system is called Maxi. It has all the features as systems above added with possibility to connect an inverter to the system. CLIX System MAXI includes:

- 1 pc 25 m shore cable with plugs and indication light
- 1 pc stainless steel inlet for shore power
- 1 pc shore power central Clix Medium with 2 pcs RCD 16A/30mA and 2 pcs 10A breakers
- 2 pcs 1m connection cables, 3 x 2,5 mm²
- 2 pcs 2m connection cables, 3 x 2,5 mm²
- 3 pcs surface mounted IP44 white outlets with cover
- 1 pc flush mounted white outlet with cover
- 1 pc Y-piece, 1 pc CEE adapter
- galvanic isolation for shore power
- automatic transfer switch for max. 2kW inverter

CLIX System MAXI

9003000

All systems are delivered packed in one box (440 x 315 x 210 mm) which also includes manuals and installation templates.





INLET 16A

MP16-10CX stainless steel inlet with CLIX connector and 50 cm cable piglet.

121191610



CABLE 15 M

Oil resistant, wear-proof and UV-proof PUR cable for connecting to shore power. Welded connectors for water tightness. Red indication light.

15 meter shorepower cable 3 x 2,5 mm² **121160150**



CABLE 25 M

Oil resistant, wear-proof and UV-proof PUR cable for connecting to shore power. Welded connectors for water tightness. Red indication light.

25 meter shorepower cable 3 x 2,5 mm² **121160250**



EXTENSION CORD

Oil resistant, wear-proof and UV-proof PUR cable for connecting to shore power. Welded connectors for water tightness. Red indication light.

15 meter shorepower cable 3 x 2,5 mm² **121160151**

25 meter shorepower cable 3 x 2,5 mm² **121160251**



ADAPTER

Adapter from CEE to schuko

121160900

Adapter from schuko to CEE

121160900



PICTURE NOT AVAILABLE

EXTENSION CORDS with connectors, 3x 1,5mm²

Connect cable 1m	121140011
Connect cable 2m	121140012
Connect cable 3m	121140013
Connect cable 4m	121140014
Connect cable 5m	121140015
Connect cable 6m	121140016
Connect cable 7m	121140017
Connect cable 8m	121140018

EXTENSION CORDS with connectors, 3x 2,5mm²

Supply cable 1m	121140021
Supply cable 2m	121140022
Supply cable 3m	121140023
Supply cable 4m	121140024
Supply cable 5m	121140025
Supply cable 6m	121140026
Supply cable 7m	121140027
Supply cable 8m	121140028

SHORE POWER CENTRALS

CLIX Shore Central MINI	121160001
CLIX Shore Central MEDIUM	121160002
CLIX Shore Central MAXI	121160003

Flush mount installation plates for Shore Centrals

Flush kit CLIX Shore Central MEDIUM, white	121190021
Flush kit CLIX Shore Central MEDIUM, anthracite	121190023

CLIX IP66 BATTERY CHARGERS

PICTURE NOT AVAILABLE



Y-PIECE

1 x in, 3 x out divider

121140099

OUTLETS ARCTIC

Single outlet surface 230V, white ARCTIC IP44 121150061

Double outlet surf. 230V, white ARCTIC IP44 121150062

Single outlet flush 230V, white ARCTIC IP44 121150063

Double outlet flush 230V, white ARCTIC IP44 121150064





OUTLETS DECO - SERIES

White outlet 230V CE IP 44 with cover	121150001
Anthracite outlet 230V CE IP 44 with cover	121150002
Brown outlet 230V CE IP 44 with cover	121150003
Chrome outlet 230V CE IP 44 with cover	121150004
Matte chrome outlet 230V CE IP 44 w cover	121150005



OUTLETS USA

White outlet 110V US IP 44 with cover	121150011
Anthracite outlet 110V US IP 44 with cover	121150012
Brown outlet 110V US IP 44 with cover	121150013
Chrome outlet 110V US IP 44 with cover	121150014
Matte chrome outlet 110V US IP 44 with cover	121150015



OUTLETS UK

White outlet 230V UK IP 44 with cover	121150021
Anthracite outlet 230V UK IP 44 with cover	121150022
Brown outlet 230V UK IP 44 with cover	121150023
Chrome outlet 230V UK IP 44 with cover	121150024
Matte chrome outlet 230V UK IP 44 with cover	121150025





CLIX POWER SYSTEMS

by

POWERDUO OY

Hahdenniementie 2, 21120 RAISIO, FINLAND

+358 207 438900 clixpowersystems@gmail.com