



ProSave

Zinc savers / Galvanic isolators

STERLING POWER



CE certified Zinc Savers

- when your life depends on it, use the best -

Our **ProSave** complies with modern CE standards such as the EN ISO 13297 which ensures your boat's bonding system is connected to the hull, anodes, fuel tanks, engine blocks, shafts, propeller, stern, tubes etc. This ensures the 230V mains fault will operate the RCB on the boat in order to save your life.

Electrically speaking your boat is connected to all the other boats in the marina and to other metal structures in the area. If there is an earth problem on any boat the voltage will increase in the common earth cable and dissolve your anodes at an alarming rate. Likewise if you have a zinc anode on your boat but your neighbour/marina does not then your zinc anode will incur dramatic zinc loss.

Solution

Installing a **ProSave** we maintain a good earth link with the shore but will prevent any stray currents coming up the earth line and damaging the boat.

In a major fault condition the **ProSave** can carry its rated current for 24hours without exceeding 90°C

ProSave A



By far the most common used device in Europe, complies with all the requirements, and is also low cost and very effective.

16-30-50 amp (European) 16 amp version

Galvanic Isolators / zinc savers Standard euro version			
Amps	Size mm	Weight kg	Part nos
16	120 x 100 x 90	1.0	ZS16A
30	220 x 120 x 100	1.5	ZS30A
50	220 x 165 x 100	1.8	ZS50A

500,000 sold, 0% failure

ProSave C

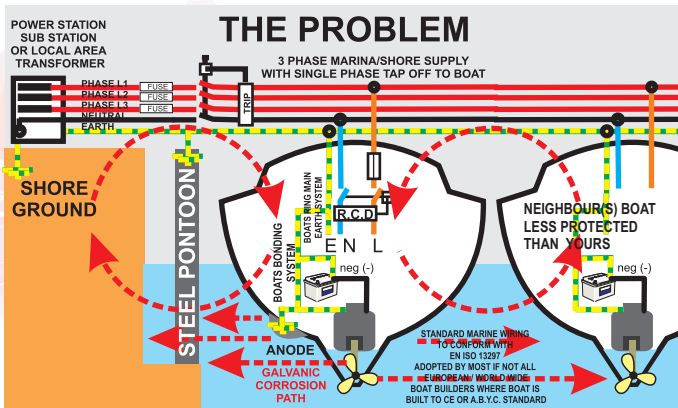
Looks the same as the **ProSave A** except has an internal 25,000 uF 2.5V capacitor to raise the performance of the unit in extreme A/C leakage conditions.



INTERNALLY INSTALLED
25,000 uF
2.5v

30-50 amp (European)

Galvanic Isolators / zinc savers standard euro version with Cap			
Amps	Size mm	Weight kg	Part nos
30	220 x 120 x 100	1.5	ZS30C
50	220 x 165 x 100	1.8	ZS50C



STERLING POWER

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THE QUEEN'S AWARDS
FOR ENTERPRISE:
INNOVATION

Zinc savers / Galvanic isolators

waterproof 32A - 110A model NEW



Waterproof zinc saver / galvanic isolator

Pro Save W NEW

**Waterproof, Lightweight, small footprint, Ignition protected
IP55 Induction fan cooled, 2 x warning LEDs**

IP68
WATERPROOF
Electrics
IP55
Replaceable fan

This all new **Pro Save W** offers all the same great protection as other European models but in a new waterproof package with a very low footprint. This is made possible by a new induction fan cooling system which only operates when the unit is in a major fault condition. This ensures that in full fault condition the product does not exceed 90 deg C, during tests the product 24 hour fault temperature was sustained well below.

This new range also offers two LED warning lights, the warning lights indicate the following:

1) To indicate if there is a break through fault, i.e. The earth voltage has exceeded the ability of the device.

2) Total failure due to massive short circuits way beyond the product's ability to protect, and the product has failed and the boat and personnel are in danger.

Safety:
This product complies fully to European standard EN ISO 13297, but should not be used on any boat where a UL certificate or ABYC standard is required see below product for UL / ABYC fail safe standard.



110A model

32A & 64A models

EN ISO 13297
Small Craft Directive

Waterproof Galvanic Isolators / Zinc Savers

Amps	Size mm	Weight kg	Connector	Part no
32	150 x 120 x H 118	1.0	6 mm	ZSW32
64	150 x 120 x H 118	1.0	6 mm	ZSW64
110	155 x 170 x H 118	1.8	8 mm	ZSW110

UL Certified 205007

ProSafe FS installs easily and does not require a dedicated monitor to verify the operational status of the galvanic isolator as required by non Fail Safe Certified galvanic isolators.

ProSafe FS 30 & 60 are built on robust FlatPack semiconductor platforms ensuring the failure is safe.

ProSafe is ABYC A-28 July '08 Compliant and Fail Safe Certified.

Flat Pack High Power Semiconductors

Robust high power diodes allow the FS Series to meet the new Fail Safe criteria for conducting inrush currents of 5,000 amps for the required duration period.

Innovative Design

The FS 60 will cool itself in the event it must conduct current insuring cooler operation in this mode.

Ignition Protected

Meets ISO 8846 and can be mounted within an engine compartment

Gold Plated Terminations

Galvanic Isolators / zinc savers Fail Safe New ABYC

Amps	Size mm	Weight kg	Part nos
30	175 x 185 x 65	1.5	ZSFS30
60	190 x 165 x 95	1.8	ZSFS60

Pro Safe

120/240 VAC / 42A max/ 50 or 60 Hz



For 30 Amp Shore Cord Applications

120/240 VAC / 82A max/ 50 or 60 Hz



Patent Pending

ProSafe FS60

For (1) 50 Amp or (2) 30 Amp Shore Cord Applications