

# RO340eco

## silent cruising under sail or motor

Take down the sails and continue cruising under motor, in complete silence... enjoy the sea to the fullest without damaging it... use the latest technology with a minimum environmental impact... The **RO340eco**, the first ecological boat, makes it all possible. An innovative concept based on a more efficient vessel and a high-performance electric motor. Together, these innovations reduce energy consumption and reduce emissions, and also improve manoeuvrability and increase safety. Through eco-power generation, energy is captured from renewable sources: from the sea, from the sunshine and from the wind.

Energy generating systems whilst the vessel is sailing



1

**Electric motor.** With energy efficiency ratings higher than 90% - higher than a conventional diesel engine, and including sensitive electronic control devices.



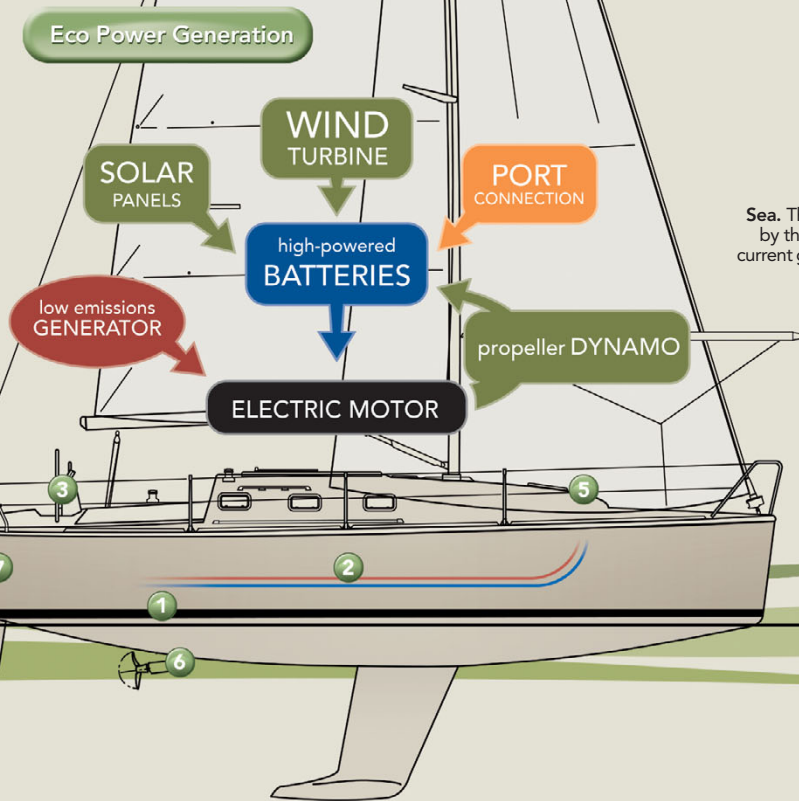
2

**Distributing Power System Capi-2.** A lightweight electrical system that prevents breakdowns and optimizes performance.



3

**Digital / wireless electronics.** State-of-the art, solar powered electronics that are highly efficient and very light.



4



**Wind.** The vertical wind turbine located at the mast charges the batteries for electrical applications.

5



**Sun.** The solar panels at the deck also charge the batteries for electrical applications.

6



**Sea.** The hydrodynamic resistance offered by the propeller works as an alternating-current generator to recharge the batteries.

7



**Generator.** Small, noise insulated, and with low energy consumption, it recharges the batteries and supplies 220V onboard.

8



**Port connection.** An intelligent battery charger keeps the battery fully charged with minimum energy use.

### An eco-friendly boat

- Silent cruising under sail or motor.
- Maximum energy efficiency:
  - Better use of renewable energies
  - Minimum use of fossil fuels
- Less emissions.
- No vibrations.

### An economical boat

- No engine maintenance.
- More efficient components.
- Fewer breakdowns.
- Less weight.
- Minimum fuel consumption.
- Increased motor range.
- Long-lasting antifouling.
- Better tax treatment.

### A safe boat

- Better manoeuvrability under motor.
- Immediate emergency stop.
- More reliable electrical installations.
- Easy identification of any electrical issues.
- No gas installation.



RO340eco In the future, all boats will be this way.

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