

PRESS RELEASE



Iguana Yachts Press Release August 2016 E-Iguana 29

THE MOST MODERN TECHNOLOGY FOR TODAY'S MOBILITY

Iguana Yachts enables electric land propulsion for the first time ever on amphibious boats

France – The world's most innovative boat manufacturer Iguana Yachts is presenting the E-Iguana 29, as the first electric amphibious boat with an admissible total weight of up to 4,5 tones. This means that from now on, Iguanas can extend their low environmental impact with zero local emissions and hardly an audible whisper. The market launch of this technology is the beginning of a new era for Iguana Yachts. Iguana Yachts has already impressed the boating sector with the most advanced amphibious boat ever made. With the development of the electric drive, the leadership of Iguana Yachts is taken to a new level.

“ We intend to establish the electric drive as a new way of life. ”

- **Antoine BRUGIDOU**
CEO Iguana Yachts

"Costs, performance and charging times are improving so rapidly that now the time is ripe for the electric drive. Our E-Iguana 29 has already been undergoing intensive internal and customer trials since 2015, we now have an extremely reliable solution" (says Florent de Labarre, Chief Engineer at Iguana Yachts).

Growing sustainable development requires electric drives

While more and more people worldwide are moving to boating, better air and water quality, lower noise and restricted construction zones have become important keywords. Construction of heavy infrastructure like pontoons are more and more restricted and chemicals, bottom paint and oil spills are heavily controlled. More than ever, in the future, reaching the lowest possible emissions and noise will be a major concern.

Fast enhancement for capacity and safety

Until now, the use of electric drive systems in boats seemed to be unimaginable or unsafe. The technology has now become much more mature and major improvements have impacted the battery cells in particular .. With the unique Active Thermal Management (ATM) the battery cells feature a patented casing that is constantly flushed with liquid. This means that combined with a heat pump, the battery can be heated or cooled very efficiently increasing significantly range, environment of use and service life.

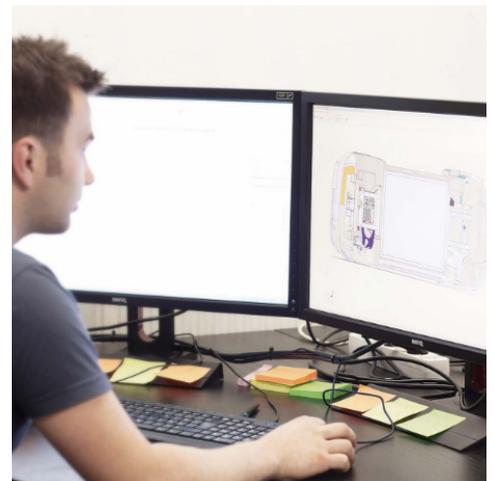
Innovative technology

Technically, the E-Iguana 29 is based on heavy-duty electric motors that use efficient three-phase drives with a power output of 22 kW. These extremely durable motors are especially suitable for the most rugged environments. In addition, the developers at Iguana Yachts have totally revised the drive concept: The entire conventional drivetrain is now replaced by an electric drive with electric motors directly adjacent to the wheel hubs. The power is supplied by a battery pack consisting of battery modules. This results in a range of up to 110 minutes – enough for 10 days of typical daily use. Thanks to the integrated concept with motors adjacent to the wheel hubs, the batteries are housed in a



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- **Florent DE LABARRE**
Chief Engineer
Iguana Yachts



protected location inside the frame. With this solution there is no increase in the weight. The permissible gross weight and performance of the boat remain the same.

The spirit of the company

“ Using Electric drive in our delicate environment is an important step forward. With a ground pressure per square centimeter equivalent to a human, and no chemical thrown in the waters, Iguanas are already very low impact boats. With this new technology we push a new approach to boating one step further serving our planet for many years. And who knows? This could be the first true hybrid boat using both electric and thermic engines alternatively on land and sea. We are very proud of this new achievement and look forward to have our clients experience our very unique Iguanas. ”

- Antoine BRUGIDOU CEO

Experience the E-Iguana 29

As a world premiere Iguana Yachts will demonstrate the E-Iguana 29 at the Cannes and Monaco shows.

SPECIFICATIONS

RANGE 110 minutes

MOTOR POWER 22 kW

TORQUE 67 Nm

CHARGING TIME 6 hours

3 kW quick charger

20 kWh lithium-ion battery

NOMINAL VOLTAGE of 325 V

