

NEW PEDAYAK ELECTRIC

Model : BASIC



PEDAYAK ELECTRIC BASIC is a "hands-free" kayak with hybrid electric and/or muscular drive, manoeuvrable, stable, simple and light.

It features:

- A muscular propulsion with pedals and propeller.
- An electric motor controled by only 2 buttons.
- A steering system with a sliding stick located on the side directing an electric pod.

This combination provides surprising manoeuvrability and agility, forwards or backwards.

The PEDAYAK ELECTRIC BASIC is easy and fun.



Features

Unsinkable self-emptyng hull in roto-moulded polyethylene, "sit on top" type.

Length x width : 360 x 73 cm

Weigth (fully equipped) : 47 kg (103 Lbs)

Maximum load: 160 kg (353 Lbs)

Floatability: 429 dm³/liters

Speed pedalling : 8 km/h (5 M/h)

Speed no pedalling : 5,5 km/h (3,5 M/h)

Power : 200 Watt / 12 Volt

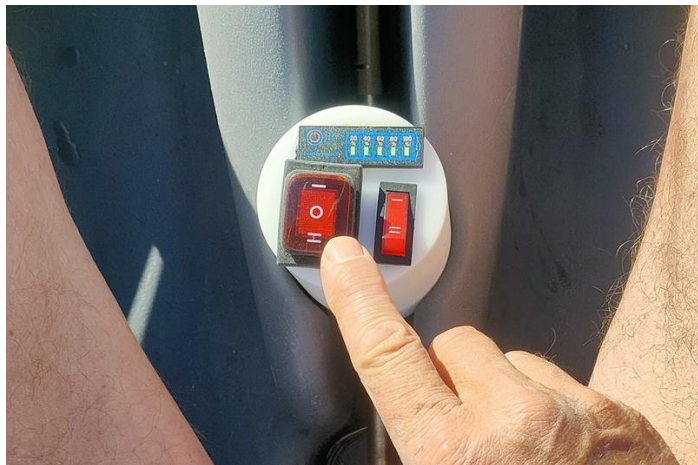
Autonomy (with 50 Ah lithium battery, no pedalling): Speed 1 : 5 hours or 18 km ;
Speed 2 : 2,5 hours or 14 km.

With solar panels : 10 hours and 40 km.

KEY ADVANTAGES :

- Allows either 100% electric and/or 100% muscular propulsion, or a combination of both.
- Environment friendly : **No CO2 emissions, silent, 100% recyclable components.**
- Its motor control is integrated into a small box with just **2 buttons**:
 - Forward-stop-reverse
 - 2 speeds: slow and fast.
- Can be fitted with solar panels (see **PEDAYAK SOLAR**).
- Steering is provided by an underhand stick which directly orientates the electric pod.
- The battery is located inside the waterproof hull. It is recharged at home.
- Can beach : the propeller and rudder are protected by two keels, go in very shallow areas (35 cm draught).
- Well manoeuvring, agile, turns on the spot.
- Can accommodate an extra passengers, less than 40 kg.
- Stable and unsinkable, good at sea. Quiet. Comfortable with its ergonomic backrest.
- Storage compartments for GPS, bottles and cans, bottle holder, front and rear storage bins.
- Modular: can be equipped with a **SAIL**, can be fitted in **TRIO** (trimaran), **PRAO** or **GRAND PRAO** (one side float), **DUO** (catamaran) versions, with an intermediate removable structure, allowing up to 5 passengers, and a wide range of activities, sunbathing, bringing diving or bivouac equipment, etc.
- More than 10 accessories available for fishing, sailing, raid, tourism.

Moteur control



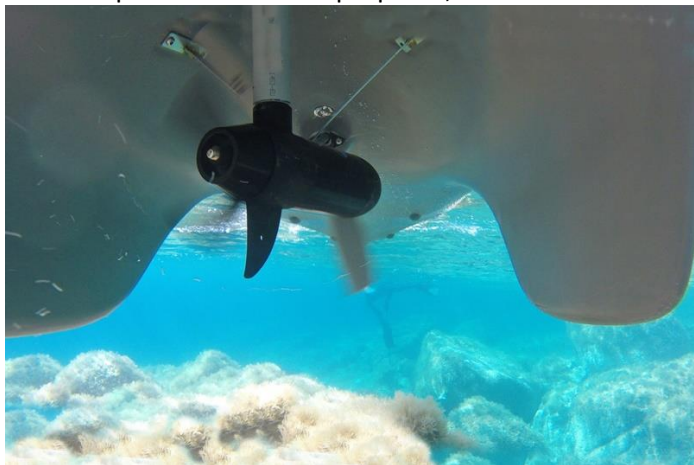
Steering control stick



Battery connection, in a waterproof compartment



Electric pod and muscular propeller, between the keels



[See the video](#)

PEDAYAK
ELECTRIC

made by

L'Aquaphile, sarl
www.aquaphile.fr
www.pedayak.com

contact@aquaphile.fr
Tel : +33 953 857 660

L'AQUAPHILE



WATER LOVER & WATER POWER

Made in France 