



INNOVATION

PEDAYAK ELECTRIC

HYBRID KAYAK WITH ELECTRIC DRIVE

Le **PEDAYAK ELECTRIC « CLASSIC »** was launched in 2021. It is a hands-free kayak with dual muscular propulsion, pedal-powered and electric, which can also be powered by solar panels if required, and equipped with a sail. Given its success, the company is launching three others **PEDAYAK ELECTRIC** in 2025, to meet a wider range of user expectations:

- **PEDAYAK ELECTRIC « BASIC »**
- **PEDAYAK ELECTRIC « BIPLACE »**
- **PEDAYAK ELECTRIC « POWER »**

Quick review:

- **PEDAYAK ELECTRIC « BASIC » :**

Simple and fun!

Its propulsion is controlled by two buttons: forward and reverse; speed 1 and 2.

Its limited speed (8 km/h) and simplicity make it ideal for young or inexperienced users, as well as rental companies.

It's the cheapest in the range.

[See the video of PEDAYAK ELECTRIC « BASIC »](#)

- **PEDAYAK ELECTRIC « BIPLACE »**

With the same simple propulsion as the Pedayak Electric Basic, the two-seater (in French : Biplace) is a two-seat electric mini-boat ideal for an adult and a child. Note that there is no longer any pedalling, which is replaced by the seat of the second passenger opposite the pilot.

[See the video of PEDAYAK ELECTRIC « BIPLACE »](#)

- **PEDAYAK ELECTRIC « POWER »**

It's the most powerful boat in the range, fast and fun.

Responsive and safe, even in rough seas, it's easy to steer with its outboard-style handle.

Its simple operation makes it accessible to as many people as possible.

[See the video of PEDAYAK ELECTRIC « POWER »](#)

And of course there's always the **PEDAYAK ELECTRIC « CLASSIC »**, with its remote-controlled propulsion and excellent performance, particularly in terms of range (over 24 hours), making it a perfect mid-range model.

Like all **PEDAYAK** 's, these four **PEDAYAK ELECTRIC** 's can be fitted with **PRAO**, **GRAND PRAO**, **TRIO** (trimaran) and **DUO** (catamaran) kits to carry more passengers or equipment. They can also be fitted with 3 different solar panel kits: in the shade, on the side or on the bow and stern. They can also be sailed with the special rig developed for **PEDAYAK**, then combining two natural energies.

As with electric mobility in general, the real technical challenge is range. The development of these products, which has taken several years, has essentially focused on this point, by optimising the motor-battery-weight parameters, without departing from « mass-market » objectives and accessible prices.

PEDAYAK ELECTRIC « BASIC »



PEDAYAK ELECTRIC « BIPLACE »,



PEDAYAK ELECTRIC « CLASSIC »



PEDAYAK ELECTRIC « POWER »



FEATURES

Model PEDAYAK ELECTRIC	BASIC	BIPLACE	CLASSIC	POWER
Weight kg/lbs	47/103	47/103	45/99	50/110
Maximum power / Voltage	200 W/12 V	240 W/12 V	300 W / 24 V	1200 W / 24 V
Battery capacity	50 Ah	50 Ah	15 Ah	30 Ah
Maximum speed with pedaling, km/h & knots	8 / 4,3	-	8,7 / 4,7	10,5 / 5,7
Maximum speed without pedaling, km/h & knots	5,5 / 3	5,5 / 3	6,7 / 3,6	9,4 / 5,1
Battery life in hours:				
Battery life in hours at average speed with pedaling	7		7	3
Battery life in hours at minimum speed without pedaling	5	5	25	13
Battery life in hours at average speed without pedaling	5		6	3
Battery life in hours at maximum speed without pedaling	2	2	1,2	20 mn
Range in km, without pedaling:				
Minimum speed	18	18	67	35,1
Average speed			35	21
Maximum speed	27	27	8,04	2,7

Selling prices of the **PEDAYAK ELECTRIC**'s: from **3 600 €**.

To know more, photos, videos :

www.pedayak.com

[Youtube channel](#)

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**100 %
INNOVATION**

Made in France

