

NEW

# PEDAYAK SOLAR

HYBRID PEDAL KAYAK WITH ELECTRIC DRIVE POWERED BY SOLAR PANELS

**PEDAYAK Solar** is a "hands-free" kayak with a **dual muscular and electric** propulsion, powered by **solar panels**. Environment friendly, it is also a concentrate of technological innovations.

## It features:

- A muscular propulsion with **pedals and propeller**, and a steering system like all the PEDAYAK.
- An **electric motor and a battery**, depending the model of PEDAYAK ELECTRIC.
- From 200 to 400 Watts **photovoltaic panels** (peak power).

This combination provides a **surprising autonomy**, in addition to the qualities inherent in all PEDAYAK ELECTRIC.

## FEATURES of the PEDAYAK ELECTRIC CLASSIC SOLAR R

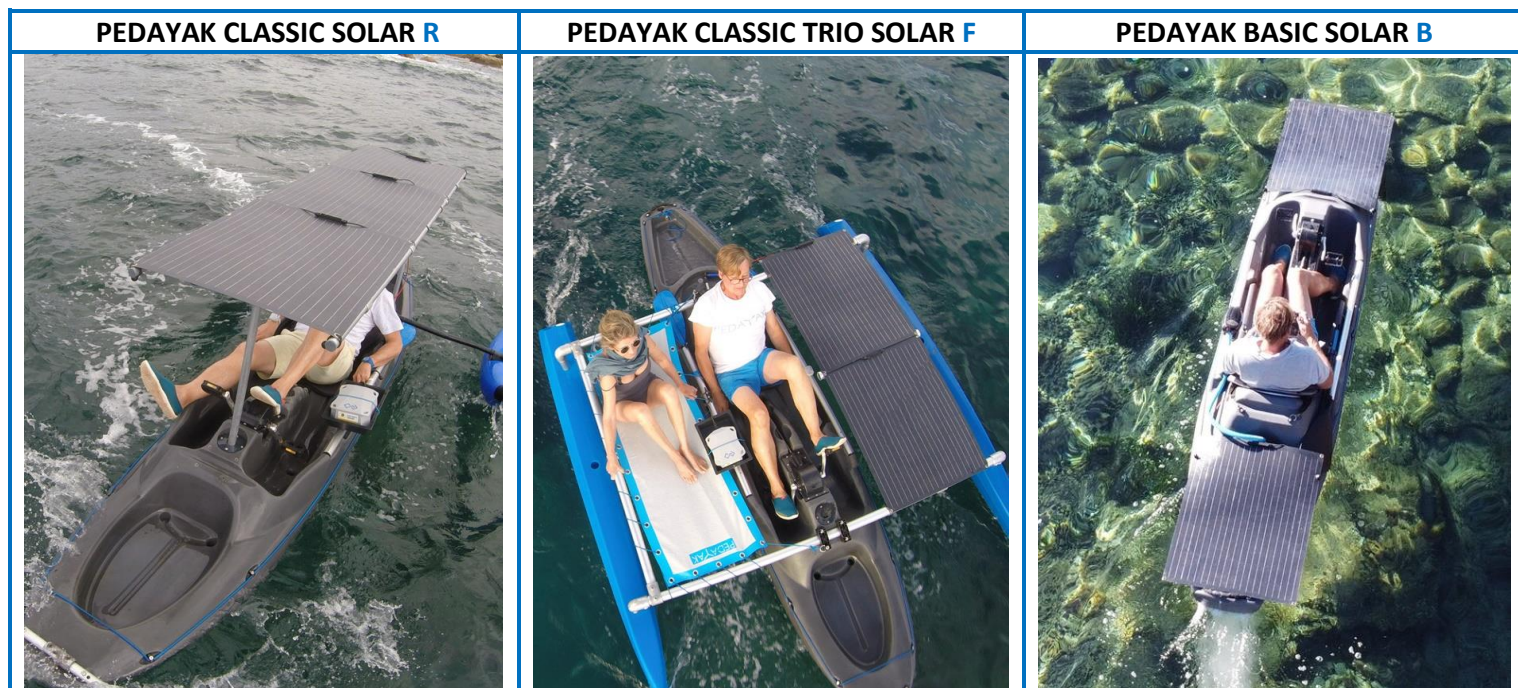
Length x width:	360 x 73 cm
Weight & floatability:	55 kg & 429 dm <sup>3</sup>
Maximum load:	170 kg
Speed:	9 km/h
Power/motor:	300 Watts / 24 V
Battery lithium	15 Ah

**Autonomy** depends on the sun, speed and pedalling. In hours:

Speed in km/h	5	6	7	8
No pedalling	∞	5 h	2 h	
Pedalling	∞	∞	∞	5 h

There are **three** Solar kits : **R**, **F** and **B** :

1. The solar pannels are on a shade or a roof, letter "**R**", like **Roof**.
2. The solar pannels are on the side, with a side float, letter "**F**", like **Float**.
3. The solar pannels are fitted to the front and rear of the PEDAYAK, letter "**B**", like **Boat**.



These three kits can be adapted to the different versions of the PEDAYAK range: Prael, Grand Prael, Trio, Duo, Biplace (two seats).

Models equipped with the kits Solar F and B can also be fitted with a sail (see PEDAYAK SAIL).

The table below gives an idea of the possible combinations (more combinations are possible, but not necessarily recommended):

	PEDAYAK ELECTRIC							
	BIPLACE	BASIC	CLASSIC	POWER	PRAO	GRAND PRAO	TRIO	DUO
Kit Solar <b>R</b>		Yes	Yes	Yes	Yes	Yes	Yes	Yes
Kit Solar <b>F</b>					Yes		Yes	
Kit Solar <b>B</b>	Yes	Yes	Yes		Yes	Yes	Yes	Yes

	Kit Solar B	Kit Solar R	Kit Solar F
BIPLACE			
BASIC			
CLASSIC			
POWER			
PRAO			
GRAND PRAO			
TRIO			
DUO			

[See the video](#)

**PEDAYAK**  
ELECTRIC SOLAR

made by

L'Aquaphile, sarl  
[www.aquaphile.fr](http://www.aquaphile.fr)  
[www.pedayak.com](http://www.pedayak.com)

[contact@aquaphile.fr](mailto:contact@aquaphile.fr)  
Tel : +33 953 857 660

L'AQUAPHILE



WATER LOVER & WATER POWER

Made in France 