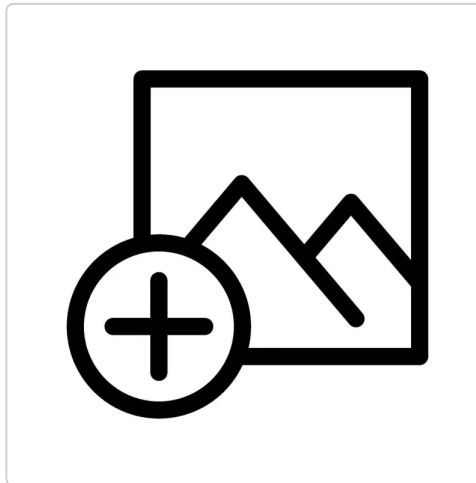
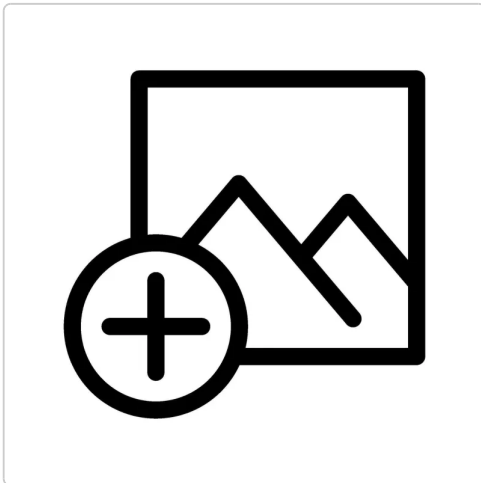


EVEA – E-PORTEUR 500 – 4x4 beach cart



Reference : EVE-EPORT500-4RM-500KG

Brand : EVEA

Options :

No variants

3D Model : Available

EAN-13 : 3762552429018

The e-porteur 500, a 4x4 electric beach cart for surf schools

The EVEA e-porteur 500 is a 4-wheel-drive electric beach cart designed for transporting surf school equipment across sand, shoreline access paths, and dune areas. Developed for operators who need to make repeated trips between a watersports base and the beach, it combines a maximum payload of 500 kg, total motor power of 4 kW, and a lead-acid or lithium battery configuration depending on the operating profile.

Designed as an electric cart for surf schools, the e-porteur 500 can carry up to 8 to 10 surfboards, wetsuits, and related equipment in a single trip. Its 4x4 configuration, side storage compartments, ergonomic tiller, and integrated charger make it a beach logistics solution suited to repeated professional use, where manual transport quickly becomes a burden for staff and users.

Main description

The e-porteur 500 addresses a very practical need: transporting surf equipment between a watersports base and the shoreline. In this type of operation, the challenge is not only to move a heavy load, but to do so several times a day on soft, uneven ground exposed to sand, salt, and varying loads. This is exactly where this electric beach cart stands out: it was developed for real field use, with 4-wheel drive designed to maintain traction on sand and make it easier to cross dunes and irregular access paths.

With a maximum payload of 500 kg, the e-porteur 500 can carry up to 8 to 10 surfboards while also accommodating wetsuits and accessories in dedicated side compartments. This carrying capacity helps reduce the number of trips, streamline session departures, and limit repeated manual handling between storage areas and the waterline. For a surf school, club, watersports base, or seasonal operator, the benefit goes beyond comfort: it also improves operational organization, staff availability, and the consistency of daily rotations.

The total 4 kW power, delivered by two DC motors, provides the level of assistance required to move heavy loads on sand without depending on manual pulling effort alone. Combined with four-wheel drive, this architecture improves restarts on soft ground, stability under load, and the ability to cross low-support areas. The e-porteur 500 is therefore positioned as a motorized beach cart for professional use, not as a generic folding cart intended for occasional leisure use.

The product is available in lead-acid or lithium battery versions so the electric beach cart can be matched to the actual duty cycle. A lead-acid configuration may suit simpler use cases with a short distance between the base and the beach or a limited number of daily trips. A lithium configuration is more relevant when the operation requires more rotations, greater endurance, or more intensive use. This approach makes it possible to size the beach vehicle according to real field conditions rather than imposing a single configuration on every operator.

The e-porteur 500 integrates the components needed for operation, including motors, batteries, and charger. This integrated design simplifies daily use and reduces dependence on external equipment. The tiller with an ergonomic forklift-style handle improves handling, low-speed maneuvers, and operation in confined spaces. In a working environment where several people may use the cart, this ergonomics reduces the learning curve and supports safer day-to-day operation.

Designed and assembled in France, in Angers, the e-porteur 500 also reflects a controlled development process tailored to real field requirements. An optional custom paint finish allows the product to match the visual identity of a surf school or a fleet operated across multiple sites. While this may seem secondary, it becomes useful for identification, visual consistency, and equipment fleet management.

Advantages, uses, and applications

Professional surf equipment transport

The e-porteur 500 is designed to carry surfboards, wetsuits, and surf school equipment in coastal environments where trips are frequent and physically demanding. It is primarily intended for surf schools, clubs, watersports bases, and operators that need to organize several departures per day.

Dune crossing and sand mobility

Its four-wheel-drive configuration is a central advantage for soft sand, uneven access routes, and dune crossings. Where a conventional cart quickly reaches its limits, the e-porteur 500 was designed to keep moving under load on low-support terrain.

Reduced strain and better daily rotations

The product reduces manual carrying between the base and the beach. This reduction in handling improves staff comfort, simplifies session logistics, and lowers fatigue caused by repeated movements in sandy environments.

Adapted to the operating profile

The choice between lead-acid and lithium batteries makes it possible to adapt the cart configuration to the number of daily trips, the distance to cover, and overall usage intensity. This flexibility is especially useful for seasonal operators, surf schools located far from the shore, or businesses that must handle variable service levels.

A product developed for a specific use case

The e-porteur 500 is not a generic beach cart. It is a motorized transport solution developed for a precise professional application, with an integration logic, payload capacity, and terrain capability consistent with real operational needs.

Key technical elements

Brand	EVEA
Model	e-porteur 500
Designation	4-wheel-drive electric beach cart
Main use	Transport of surf school equipment
Maximum payload	500 kg
Transport capacity	Up to 8 to 10 surfboards plus equipment
Drive	4-wheel drive
Motorization	2 DC motors
Total power	4 kW
Battery technology	Lead-acid or lithium version
Battery selection criteria	Distance to cover and number of daily trips
Charger	Integrated
Driving system	Tiller with ergonomic forklift-style handle
Storage	Side compartments
Application terrain	Sand, shoreline access paths, dune crossings
Design / assembly	France, Angers
Customization	Custom paint color on request

Short FAQ

Which version should be chosen between lead-acid and lithium for the e-porteur 500?

The choice mainly depends on the distance between the watersports base and the beach, as well as the number of daily trips. A lead-acid version may suit moderate use, while a lithium version is better suited to intensive operation.

How many surfboards can the e-porteur 500 carry?

The e-porteur 500 can carry up to 8 to 10 surfboards, in addition to wetsuits and equipment stored in the side compartments, within its maximum payload of 500 kg.

Can the cart cross dunes?

Yes. Its four-wheel-drive configuration was specifically selected to improve traction on sand and help the cart cross dunes and other low-support access areas.

Which professional uses is this electric beach cart intended for?

The e-porteur 500 is primarily intended for surf schools, clubs, and watersports bases that regularly transport equipment between their storage area and the shoreline.

Conclusion

The e-porteur 500 is a motorized transport solution specifically developed for beach logistics in surf schools and coastal operations. With its 500 kg payload, four-wheel drive, 4 kW total power, and choice of lead-acid or lithium batteries, it addresses a very practical need for moving equipment on sand within a repeated and durable professional use case. For projects requiring a robust electric beach cart capable of transporting surfboards and crossing dunes in real operating conditions, the e-porteur 500 offers a clear, specialized solution consistent with field constraints.

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