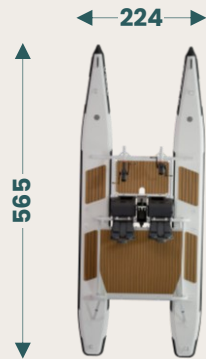




Technical Information (I/II)

Product Code: BK-002
 Product Name: OTTER Explorer

Dimensions & Weight



Dimensions

Length	565 cm
Width	224 cm
Height	130 cm
Draft	43 cm

Weight

Fully assembled	120 kg
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Key Dimensions

Width	114 cm
Height	85 cm
Length	145 cm



Weight

Frame only (as seen)	57 kg
Battery only	9 kg
Hulls only (per hull)	20.5 kg
Rest of parts	12 kg

Powertrain & Riding

Core Technology	Series Hybrid Drive System
Generator max. input power	500 watts / rider
Motor max. output power	1200 watts
# of gears	7 gears (individually per rider)
# of riding modes	3 modes (see below)
Manual Mode	No assistance (0 watts)
Cruise Mode	Max. 400 watts assistance
Boost Mode	Max. 1000 watts assistance

Battery & Charging

Nominal voltage	48 volt
Nominal capacity	33.6 Ah, 1613 watt-hours
Charging location	In-house (removable incl. handle)
Charging time (Standard charger)	8.5 hours
Charging time (Fast charger)	3.5 hours
Approx. range / time (Cruise Mode)	20 km / 4 hours
Approx. range / time (Boost Mode)	12 km / 2 hours
Waterproofness	IPX7



Technical Information (II/II)

Product Code: BK-002
Product Name: OTTER Explorer

Materials

Frame Material	Aluminum 6061, T4, T6 heat treated
Frame surface treatment	1. anodized / 2. powder-coated
Fasteners, small parts	316 stainless steel
Hulls	PVC, double fusion dropstich

Safety & Security

Maximum load	3 people / 240kg
Wave height	0.5 meters
Deck material	Anti-slip teak imitate foam
Empty battery	Safe return home function
Smart battery	Several self-protection systems
Valuables storage	Deep container in center cockpit
Theft protection	Product can't run without battery

Protection & Durability

Corrosion protection 1	Double-coated aluminum parts
Corrosion protection 2	Sacrificial anodes (4x total)
Underwater collision protection	Folding motor rotates to protect frame
Chiving on floor protection	Rubber stripe along hull bottom
Mooring / impact protection	Rubber stripe along side / nose cone
Mooring attachment	Heavy-duty, reinforced D-rings (4x)
Rain & splash water	Quick Dry Foam in cushions
UV-protection (fabrics)	UV-stabilized fabrics & UV-thread

Comfort & Convenience

(Drinks) Storage Compartments	50 liter of insulated, splash-proof space
Shade / Sun protection	Umbrella holder for 25 – 35mm tubes
Seating comfort	Ergonomic, breathable mesh seats
Head comfort	Soft PU foam headrest cushion
Ergonomic cycling	Adjustable pedal distance, comfortable for people 140cm – 195cm