



Candela C-8 CC
center console hydrofoil

Center console e-hydrofoil

Center consoles are the most popular recreational vessels in the US for fishing, families and watersports, with about 50,000 sold annually, but they are also known for their appetite for fuel. Swedish tech firm **Candela** aims to electrify this segment with their C-8 CC, the world's first center console hydrofoiling boat, offering unprecedented electric speed, range and energy efficiency that is several times higher than traditional gasoline boats.

The electric Candela C-POD motor efficiently converts electricity stored in its batteries (by Swedish performance automaker Polestar) into thrust, combining with Candela's hydrofoils—underwater wings—for unmatched efficiency.

While 28/29-foot deep-vee boats often have a pair of 400-hp outboards, the C-8 CC's single 100-hp pod motor is enough to take off with eight people on board, at a cost of less than 10 dollars for a full battery charge. Once foil-borne at 16 knots, the vessel's C-POD direct-drive pod motor is near-silent, and the craft is stabilized by a flight control computer, which continually adjusts the hydrofoils to ensure a steady, bump-free ride. The motor requires no maintenance for 3,000 hours.

Soaring above chop and wake, the craft uses 80 percent less energy than conventional vee hulls, with a range of 65 miles at a cruising speed of 22 knots (25 mph), some three times longer than other electric boats on the market. For mooring, the

foils retract into the hull via a button on the touchscreen. With its hydrofoils retracted, the Candela C-8 CC can be easily trailered, beached or stored.

At anchor, Candela C-8 CC offers passengers an open bow with seating, a wet-bar, sofas for up to six passengers around a table, an enclosed head, sunbed, extended swimming platform with shower, 6-speaker in-hull audio system, and rod holders and depth sounder for anglers.



GoSun Elcat Inflatable
solar electric catamaran

Anglers will find other advantages, too, including no wake, thus not disturbing other boaters or marine life, and the completely silent C-POD motor can be seamlessly adjusted down to 0.2 knots, ideal for sneaking up on the big catch.

Made from 100 percent carbon fiber, the C-8 CC starts at \$390,000, including a 15.4-inch navigational screen and free over-the-air updates of the user interface



LENGTH8.89 m / 29 ft
BEAM2.50 m / 8.20 ft
WEIGHT1,700 kg / 3700 lb
BATTERY69 kWh, by electric car maker Polestar
CHARGINGType 2 AC charging; or DC Fast Charge up to 135 kW (35 min from 10 to 80 percent)
RANGE57 nautical mi / 65 mi at 22 knots / 25 mph
TOP SPEED30 knots / 35 mph

and flight controller, to unlock new features over the boat's lifetime.

Deliveries are targeted for summer 2024. To learn more, visit Candela.com.

Solar-electric catamaran

The fuel-free, all-electric **GoSun Elcat** catamaran is one of the world's most energy efficient boats, affordable, simple to maintain, and easily transported and stored. Lightweight (just 264 lb), the craft is built to last, made with durable drop-stitched, double-walled, structurally laminated PVC, like a whitewater raft or Navy tender boat.

Six lightweight air chambers zip together to form a durable vessel that floats on two pontoons with an elevated deck.

Charged from the grid or the sun, Elcat's electric motor is powered by a 1.3 kW lithium ion battery, with range extended by up to 200 watts via solar power. Three accurate data streams from its battery monitor help you determine how long you can stay out—typically all day at trolling speeds and even further on solar.

Including its upper deck, Elcat carries up to six adults, with a capacity of over 1,300 pounds, yet it can be easily packed up—unzip, deflate and fold for space saving—and taken on the go in just 20 minutes, carried in a van, truck or SUV.

The Elcat Solar Electric Boat is made in Europe and bears the CE test certification mark. Its price of \$12,750 includes two side panels, rooftop section, floor plus two thwarts, motor and battery, two solar panels, solar charge controller, swim ladder, motor transom and two air pumps.

GoSun also offers a range of solar appliances for other critical needs like keeping drinks cold, purifying water, cooking dinner or running the party into the night.

GoSun covers the Elcat with a one-year warranty backed by their award winning customer service. For more information, visit gosun.co. ■



LENGTH15 ft
WIDTH8 ft
WEIGHT264 lb
ELECTRIC BATTERY / MOTORlithium ion / 1.3 kW
SOLAR POWER200 watts
TOP SPEED6 mph