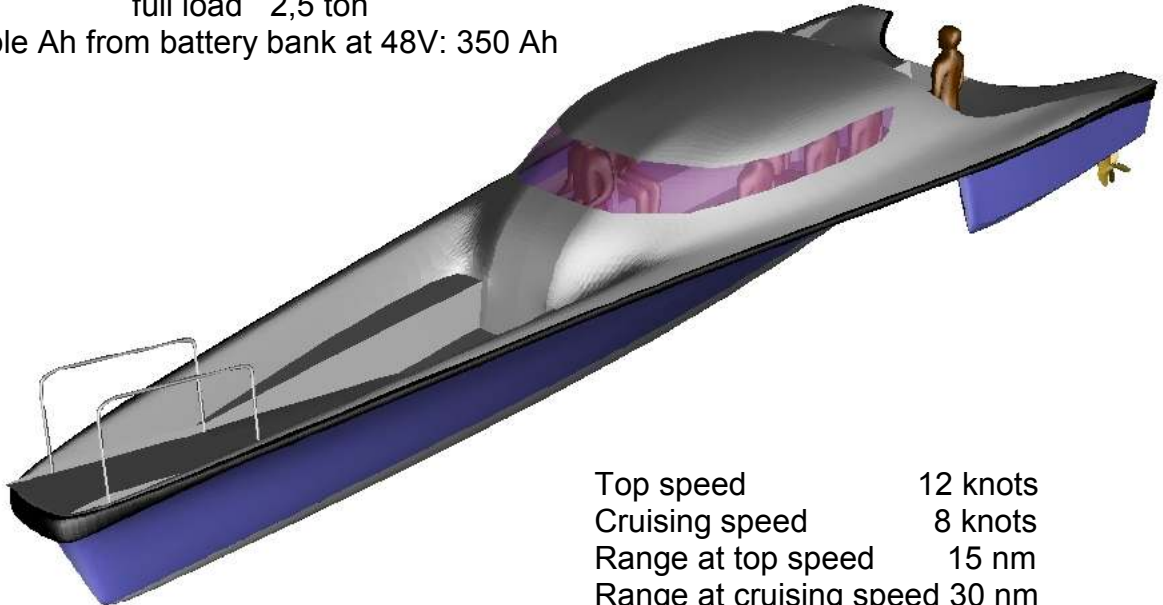


Water Taxi

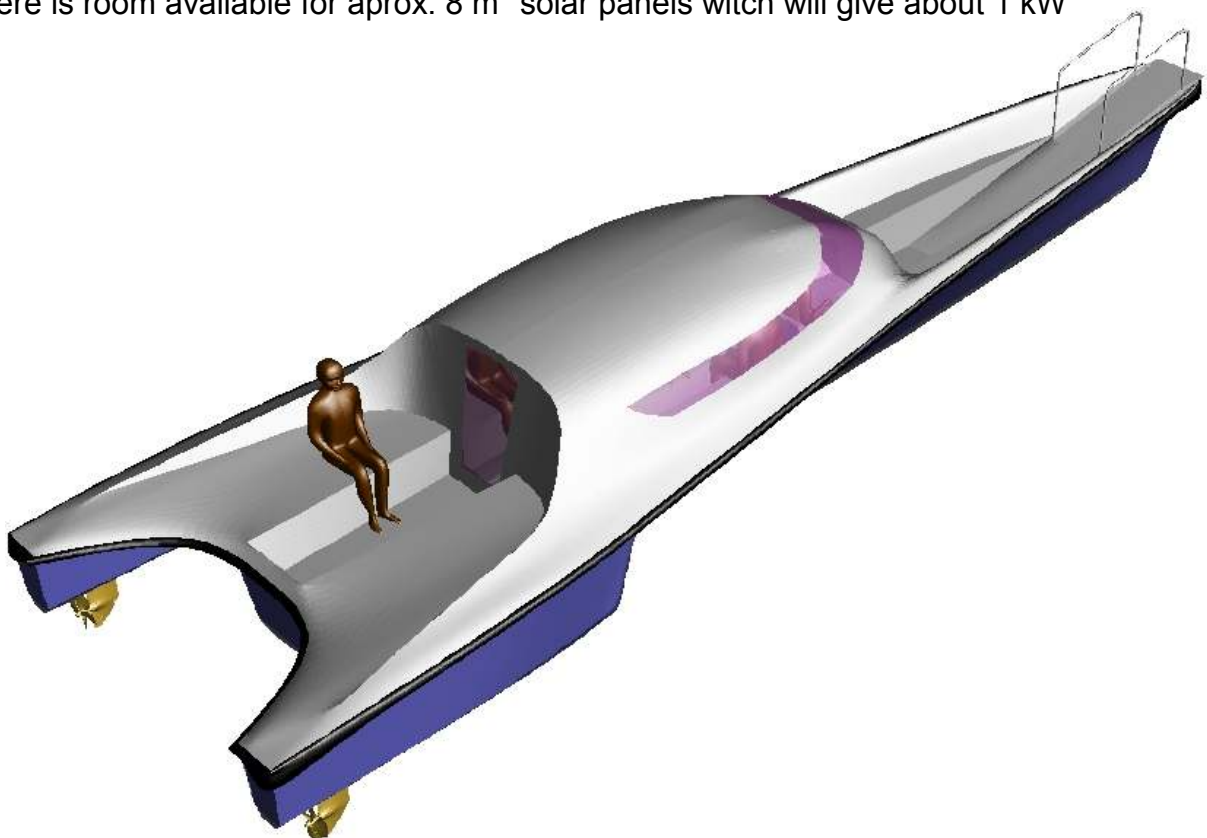
for a sustainable water transport solution, electric propulsion

LOA 12,5m
BOA 3,5m
Displacement light ship 2,0 ton
full load 2,5 ton
Available Ah from battery bank at 48V: 350 Ah



Top speed 12 knots
Cruising speed 8 knots
Range at top speed 15 nm
Range at cruising speed 30 nm

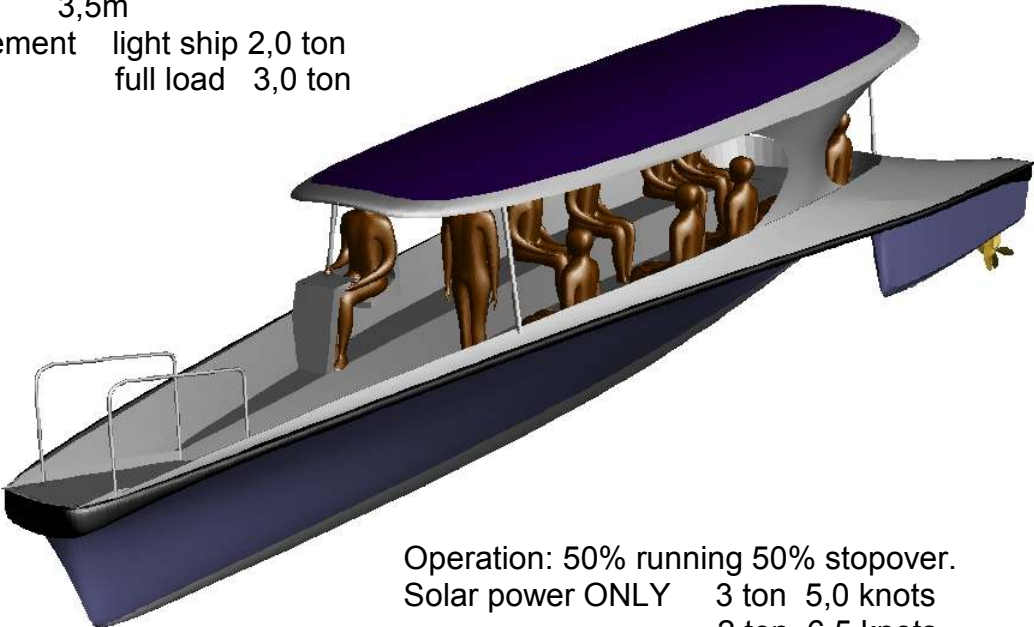
These numbers are with ordinary lead-acid batteries, AGM-type.
With Lithium-Ion batteries the range is tripled.
Charging will be mainly from the grid.
There is room available for aprox. 8 m² solar panels witch will give about 1 kW



Solar Shuttle

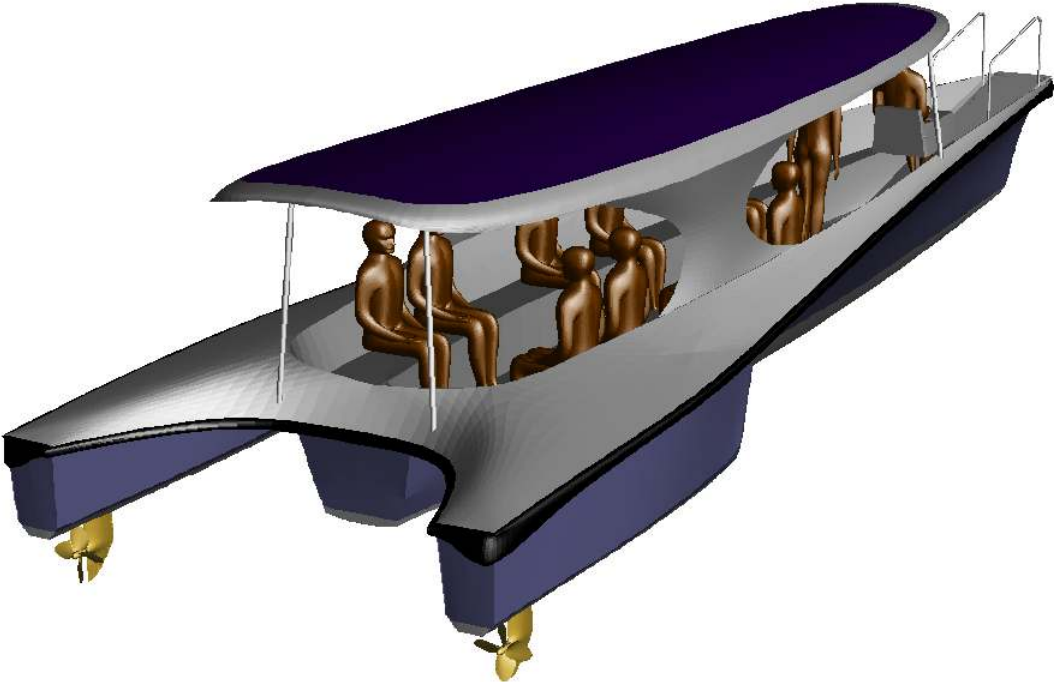
for a sustainable water transport solution, electric propulsion

LOA 12,5m
BOA 3,5m
Displacement light ship 2,0 ton
full load 3,0 ton

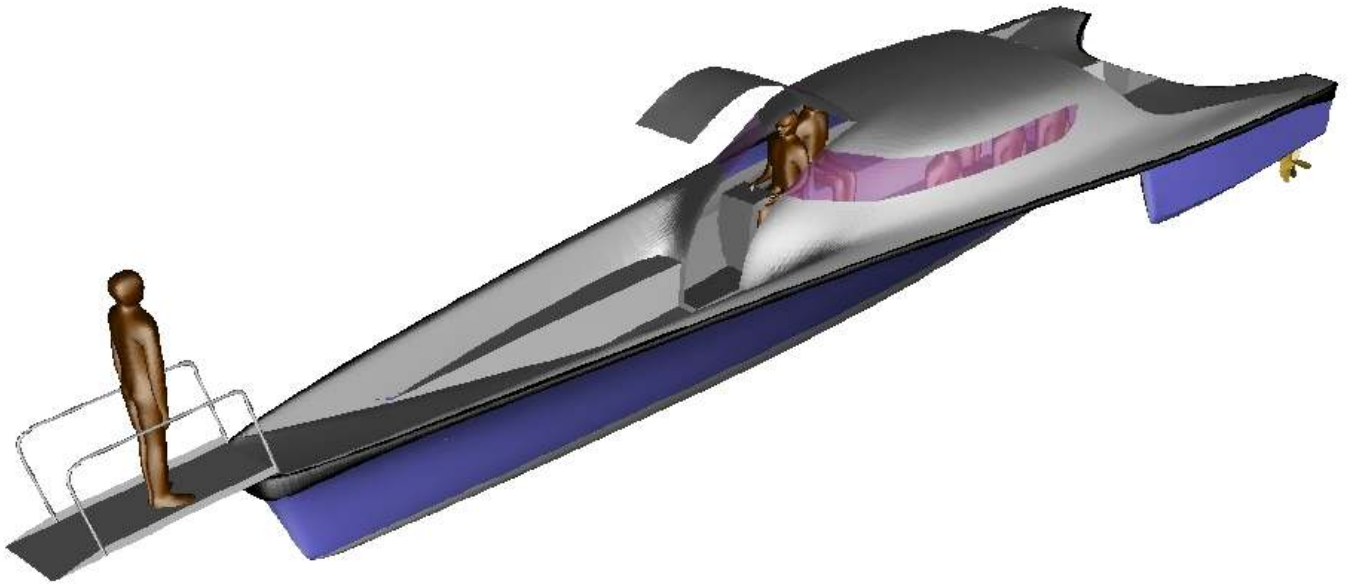


Operation: 50% running 50% stopover.
Solar power ONLY 3 ton 5,0 knots
2 ton 6,5 knots
Solar panel area 20 m²

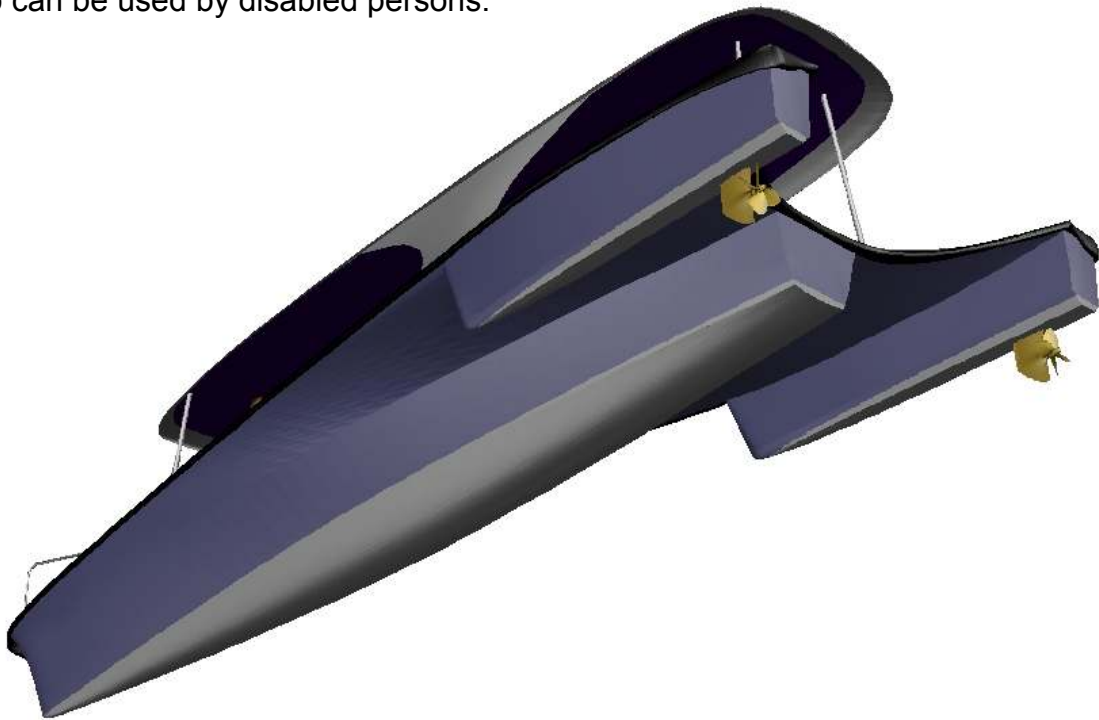
The amount of batteries is adapted to the circumstances for recharging (at nighttime).



The Solar Shuttle will carry 15-20 persons



The Water Taxi and the Solar Shuttle are accessible via a ramp in the bow, which also can be used by disabled persons.



This very special trimaran hull has been chosen for its low demand of energy, low wake, very comfortable motion in waves and excellent maneuver characteristics due to the two propellers set widely apart.

Both the Water Taxi and the Solar Shuttle are constructed in sandwich GRP for high strength, low weight and very good buoyancy.

ZeroEmissionBoats.com

Gräddö Sweden

Sass' Yachtdesign

Vaxholm Sweden