

Zero Emission Electric Passenger Ferry



LEADING TOWARDS A NET ZERO WORLD

As an initiative towards creating designs with Green Energy Solutions, we have created a Concept Design of a 18m Electric Catamaran Ferry. The vessel can accommodate 50 passengers with a provision of air-conditioned seating. It can operate at an economic speed of 8 knots and has an extremely low draft of 0.8m making it perfect for Inland Riverine Operations. The vessel can also be installed with Solar Panels on the rooftop to cater for the Hotel Load of the vessel.

The same design can be modified as a utility vessel to carry for carriage of up to 5T of dry and packaged cargoes along with seating for 12 passengers. The vessel is also suitable for survey works, garbage collection and salvage work.

Principal Particulars:

LOA	18 m	Passengers	50 persons
Breadth (mld)	6 m	Propulsion	2 Nos Electric Outboard Thruster
Depth	1.6 m		
Draught	0.8 m	Hull Material	Aluminium
Speed	9 knots	Superstructure	FRP

