GONDĀN
SHIPBUILDERS

PERNA VERDE

Type: Electric ferry

Hull: GRP

Owner: Transtejo S.A.

Series of 10 100% electric ferries designed as passenger ferries for the Portuguese public company Transtejo, for regular public transport on the Tagus river in the Lisbon area. They have a capacity of 544 passengers. They are powered entirely by electricity (batteries) thus forming an environmentally sustainable fleet, with extremely silent operation and no CO_2 emissions.

GONDÁN
SHIPBUILDERS

MAIN PARTICULARS	
General Information	
Hull material	GRP
Type	Electric ferry
Class Notation	✠ HULL MC Passanger Vessel, AUT-UMS Battery System IN (1,2)/(Z) In Water Survey, COMF NOISE 3,COMF VIB 3
Delivery	2025
Dimensions	
Length overall	40 m
Breadth	12 m
Depth	3.13 m
Draught	1.65 m
Capacities	
Battery capacity	2 x 930 kWh
Fresh water	1,000 litres
Passengers	544 pax
PERFORMANCE & MACHINERY	
Propulsion / Manoeuvring	
Propulsion	Electric (Batteries)
Main engines	2 x 550 kW
Bow thrusters	2 x 55 kW
Features	
Maximum speed	17 Kn
Cruise speed	16 Kn
Range at cruise speed	70 minutes

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MANAGEMENT SYSTEM CERTIFICATION
DNV·GL
ISO 9001 ISO 14001
ISO 45001