

PERSICO CAT 72

KEY PRELIMINARY FIGURES & PERFORMANCE

General

Type	Performance Sailing Catamaran
Naval Architect/Architect	Morrelli & Melvin
Interior Architect	Design Unlimited
Builder	Persico Marine

Main characteristics

Length overall (incl. Longeron)	24.1m
Length hull (ISO 8666)	21.950m
Length waterline (design)	21.45m
Beam overall (ISO 8666)	9.5m
Distance between hull axis	5.94m
Draft (foils lowered)	5.31m
Draft (foils raised)	650 mm
Displacement (Design mLDC) approx.	23 ton
Displacement (racing) approx.	21.5
Displacement (light) approx.	21 tons
Hull construction	Carbon/FRP and Foam/Nomex Sandwich
Superstructure	Carbon/FRP and Foam/Nomex Sandwich
Classification	SER1 - ISO- Cat- A (Highest) Sport Boat

Propulsion

Main engines	2 x Torquedo 25KW Electric Propulsion
max Power	2 x 35KW
Gearbox	shaft drive with strut and P-brackte
Shaft & propeller	Gori Propeller GP20
Steering gear	Shaft Driven on outside steering positions and fly by wire on inside helm station
Speed (max estimated)	9.2 knots

Speed (cruise estimated)	7.5 knots @ 80% MCR
Performances	
foiling speed	22 knots
max speed estimated	40 knots
Appendages	
righting Moment Foils	2 x Lifting Foil
Daggerboard	2 x daggerboards
Rudder	2 x Fixed axis free-hanging rudders with T-foils
Rigging	
Rigging type	Composite
Mast	SSNZ supplied Carbon. Single spreader, double diamond rotating wing section. Cap Shrouds. – 2 x Running backstays
Deck hardware	
Windlasses	Lewmar V6 hydraulic
Primary winches	4 x Harken 1125.3
Secondary winches	2 x Harken 65.3 ST
Tanks	
Fuel total capacity	2 x 550 litres
Freshwater capacity	2 x 450 litres
Drinkable water capacity	1x 70 litres
Blackwater capacity	2 x 220 litres
Greywater capacity	Inc. in above nominal volume
Watermaker	1 x Schenker Modular Zen 50
Fuel treatment	Integrated fuel transfer system
Electrical system	
Electrical system	120 V AC Bus, 240V AC Bus, 400V DC Charging & Hydraulic Bus, 24V Domestic Bus
DC Distribution	Digital Switching by means of Empirbus™ System
Generator	2 x 20KW Variable speed Fischer Panda 20 VS generators
Shore connection	1 x 32A via 2 x 3.3kW Torqeedo Isolation transformers

Battery banks: propulsion	Lithium Ion Main Battery Bank 40Kwh I3 Battery (BMW)
Battery banks: services	2 x Torqeedo Lithium Ion Battery Bank 3.47Kwh each
Battery banks: start	2 x lithium SuperB batteries
Solar Charging	2Kw solar panels on coachroof
Inverter capacity	2 x 6kVA – 120V and 240V split bus
Facilities	
Air conditioning	Termodinamica 64 kbtu/h
Communication systems	VHF, 5G, Satcom, SatBroadband
Navigation equipment	B&G/Simrad
Galley equipment	1 x Gaggenau VG231220 single burner + 1 Gaggenau VG232220 double burner
Microwave	Miele M 7420 TC
Oven	GPL Pizza oven
Coffee machine	Miele CVA 7445
Fridge	3x fridge top load, 172 ltr each
Freezer	1 x freezer Frigonautica FCO
TV set	Samsung 44" QLED QN90B

PERSICO