



GREENAVAL

Green Innovation for Future Generation

GN47



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DIMENSIONS

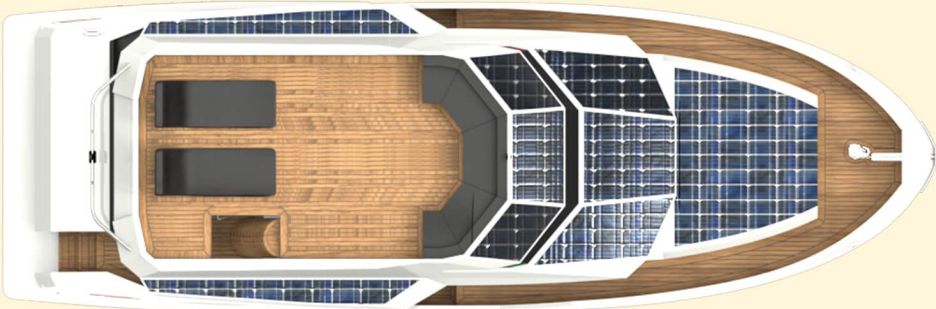
Length Overall	14.80m
Length Waterline	12.90m
Beam	4.15m
Draught	1m
Displacement	12.00 tons

CONSTRUCTION

Hull & Superstructure Material	Marine Aluminium
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PERFORMANCE

Full Speed	10.50 knots
Cruising Speed	6.50 knots
Electric Motor	2x60 kW Torqeedo (Germany) AC Brushless
Battery Bank	50 kWh Johnson Control (USA)
Genset	Polar Power 22 kVA
Electrical System	380/220 V AC & 24V DC



FLYBRIDGE



MAIN DECK



LOWER DECK







MAIN PARTICULARS	Units	Value
Length		
maximum length	m	14.30
length of waterline (at DWL)	m	12.90
Beam		
maximum beam	m	4.15
beam of waterline (at DWL)**	m	3.86
Depth		
maximum depth	m	2.15
midship depth	m	1.82
freeboard forward	m	1.23
freeboard midship	m	0.86
freeboard aft	m	0.86
Draught		
minimum draught (LCC displacement)	m	0.85
maximum draught (LCC displacement)	m	1.00
Height		
headroom in saloon	m	2.18
air draught (at DWL excluding mast)	m	3.65
Displacement		
full loaded	kg	13500
half loaded	kg	12000
light loaded	kg	11000
Engine		
number of engines		2
model		Torqueedo Deep Blue Hybrid
maximum power at crankshaft	HP	80
maximum speed at crankshaft	RPM	1400
fuel consumption	L/h	0-6
Generator		
number of engines		1
model		Polar Power
power		22kVA
Performance		
maximum speed (minimum operation condition)	kts	10.50
cruising speed (loaded craft)	kts	6.50
Range		
hybrid mode @6kts	N.m	+2.500
hybrid mode @7kts	N.m	+2.000
pure electric mode @5.5kts	N.m	50
pure electric mode @7kts	N.m	21
Tankage		
fuel	L	2735
water	L	555
waste	L	670
Passengers/Crew		
passengers/crew		6+1
Certification		
caterqory		Class A "Ocean"



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