

# 08

## GENERAL ARRANGEMENT & MAIN TECHNICAL DATA

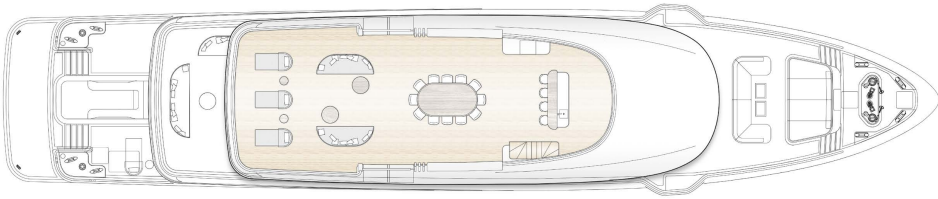


CONSTRUCTION MATERIAL	STEEL / ALUMINIUM
LENGTH OVERALL (LOA)	44.55M / 146' 2''
MAXIMUM BEAM	9.10M / 29' 10''
MAXIMUM DRAFT	2.45M / 8' 0''
GROSS TONNAGE	480 GT
FUEL CAPACITY	55.000L / 14.500 US GALS
FRESH WATER CAPACITY	8.000L / 2.1000US GALS
ENGINES	2 X MAN V12-1450HP/1066KW@2100RPM (D2862LE489)
MAX SPEED	15KNOTS
CLASSIFICATION	RINA
RANGE	@10KNOTS 4.100NAUTICAL MILES
GENERATORS	2 X CAT C7.1 118KW, 400 V, 3PH, 50 HZ, IMO TIER III
BOW THRUSTER	1 X ELECTRIC MOTOR DRIVEN, 100KW
STABILIZERS	FOR UNDERWAY AND ZERO SPEED (AT ANCHOR) CONDITIONS
NAVAL ARCHITECTURE	AZIMUT BENETTI S.P.A, R&D DEP. & P.L.A.N.A.
EXTERIOR STYLING & CONCEPT	RWD
INTERIOR DESIGN	LAZZARINI & PICKERING ARCHITETTI
ACCOMMODATION FOR OWNER & GUESTS	10/12 PERSONS IN 5/6 CABINS
ACCOMMODATION FOR CREW	9 PERSONS 5 CABINS

RELEASE 09.2024 - The technical data shown here are intended to be preliminary and they are subject to future amendments based on the development of the project.

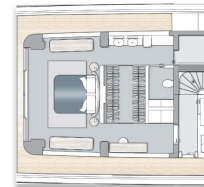
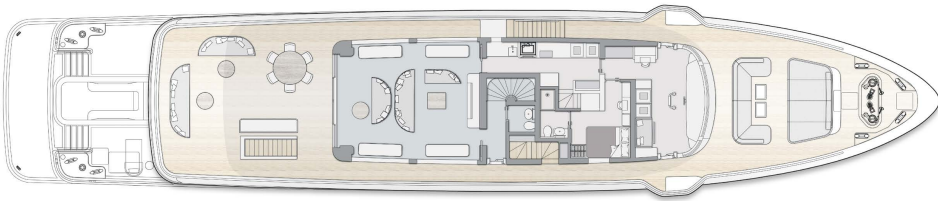
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SUN DECK



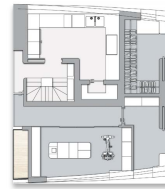
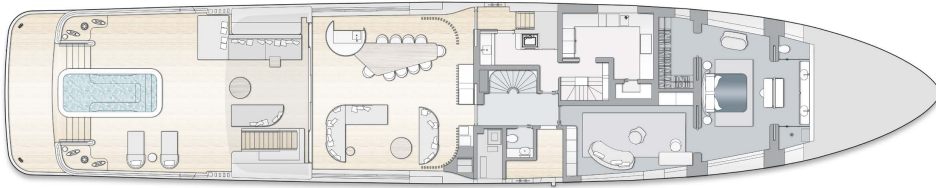
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UPPER DECK

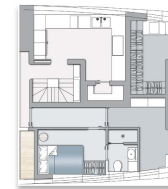


OWNER SUITE ON UPPER DECK

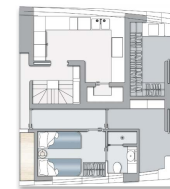
MAIN DECK



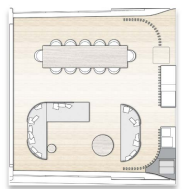
WELNESS AREA



GUEST CABIN

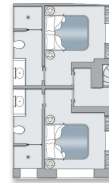
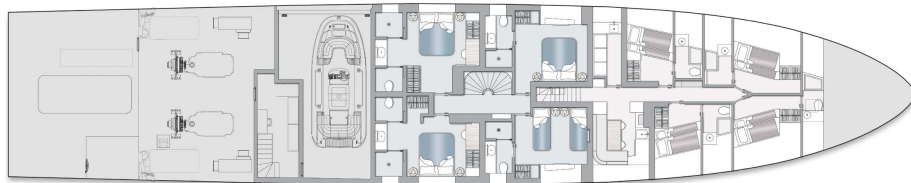


TWIN GUEST CABIN



WINTER GARDEN

LOWER DECK



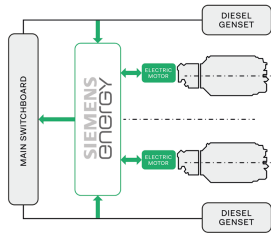
VIP CABINS  
ALTERNATIVE LAYOUT

# 09 E-MODE: SIEMENS ENERGY

The E-MODE is a plug-in system designed for easy integration into standard propulsive architecture. It is specifically intended to provide an innovative system that can be managed as a traditional electrical system in the event of an occurrence;

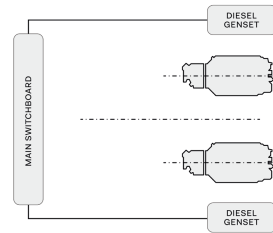
The E-MODE is designed with a flexible system architecture, allowing it to be offered as an OPT solution;

The electric propulsion system can be completely disconnected if needed allowing the yacht to cruise powered by diesel engines; To meet the specific needs of the end user, the



system must be equipped with an Ion Lithium battery pack. The size of the battery pack will depend on the user's requirements. For example, additional batteries may be required to enhance the efficiency of propulsion;

The electric motors are capable of both absorbing and providing electric power. They can function as both propulsion drives and electric generators. When the vessel is powered by a diesel engine, the electric motors operate as generators, supplying power to the onboard systems and rapidly charging the batteries. This configuration allows the diesel generators to be turned off, thereby reducing fuel consumption and emissions.



**ENHANCED COMFORT MODE**  
Ideal for low-speed coastal or night cruising and maneuvering. The main benefit of this mode is the exceptional comfort it offers and increased maneuverability. The yacht can cruise in electric mode at low speed with diesel engines switched off, but their gensets continue to supply energy to the electric motors.

**ECO CRUISE MODE**  
In this mode, batteries supply energy to the electric motor to cruise. Most suited for short trips along the coast, this zero-emission mode allows entry into protected marine areas or zones usually designated as off-limits

to motor yachts, with the range depending on the capacity of the battery pack.

## ECO-TRANSFER MODE

DAY CRUISE AT 8KN - BATTERY PACK 112 kWh

FUEL SAVING - 12%  
HOURS OF DG SAVED - 100%

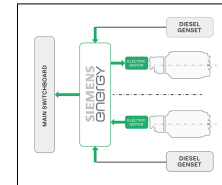
**ECO TRANSFER MODE**  
Both diesel generators are switched off while one propulsion engine only continues to run, enabling the yacht to halve the running hours of the main engines and gensets. As a result, fuel consumption, CO<sub>2</sub> emissions and NOx emissions can be sensibly reduced compared

with traditional propulsion systems.  
**EXTENDED RANGE MODE**  
Designed for long-transfer journeys and coastal cruising, this mode reduces fuel consumption and emissions. When the gensets are switched off the yacht can go at full speed, with the electric motors powered by the main engine and working as shaft generators.

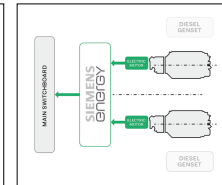
## EXTENDED RANGE MODE

DAY CRUISE AT 10KN - BATTERY PACK 112 kWh

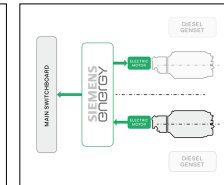
FUEL SAVING - 7%  
HOURS OF DG SAVED - 100%



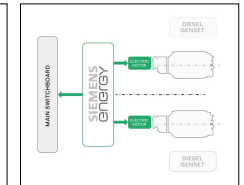
ENHANCED COMFORT MODE



EXTENDED RANGE MODE



ECO TRANSFER MODE



ECO CRUISE MODE