



SOEL SENSES 62

Soel Yachts’ Soel Senses 62 solar electric yacht features 42 state-of-the-art 440Wp solar panels and an electric propulsion system for clean and quiet sailing. The sleek and minimalistic design features an efficient hull shape to optimise speed and range for truly sustainable tours around the world.

SPECIFICATIONS

Length 18.8 m 61.7 ft	Construction Composite sandwich, vacuum infusion
Beam 10.3 m 33.8 ft	Solar power 18.5 kWp
Displacement lightship 36 ton	Solar energy harvest* 120-140 kWh / day
Range Unlimited (speed dependent)	CE Certification Category A-Ocean (12 Pax)



SOEL SENSES 62

The solar electric yacht is offered with two propulsion system options. Both options ensure powerful cruising at a very efficient fuel economy and feature DC fast charging capabilities. Thanks to the in-house combination of design, naval architecture and system integration knowledge. Soel Yachts is flexible to work with any clients’ specific demands and offers 24/7 remote service support.

STANDARD VERSION

Electric motor
2X 100 kW

Battery
282 kWh

DC Genset
60 kW

V cruise | V max
8 knots | 12 knots

PERFORMANCE VERSION

Electric motor
2X 200 kW

Battery
424 kWh

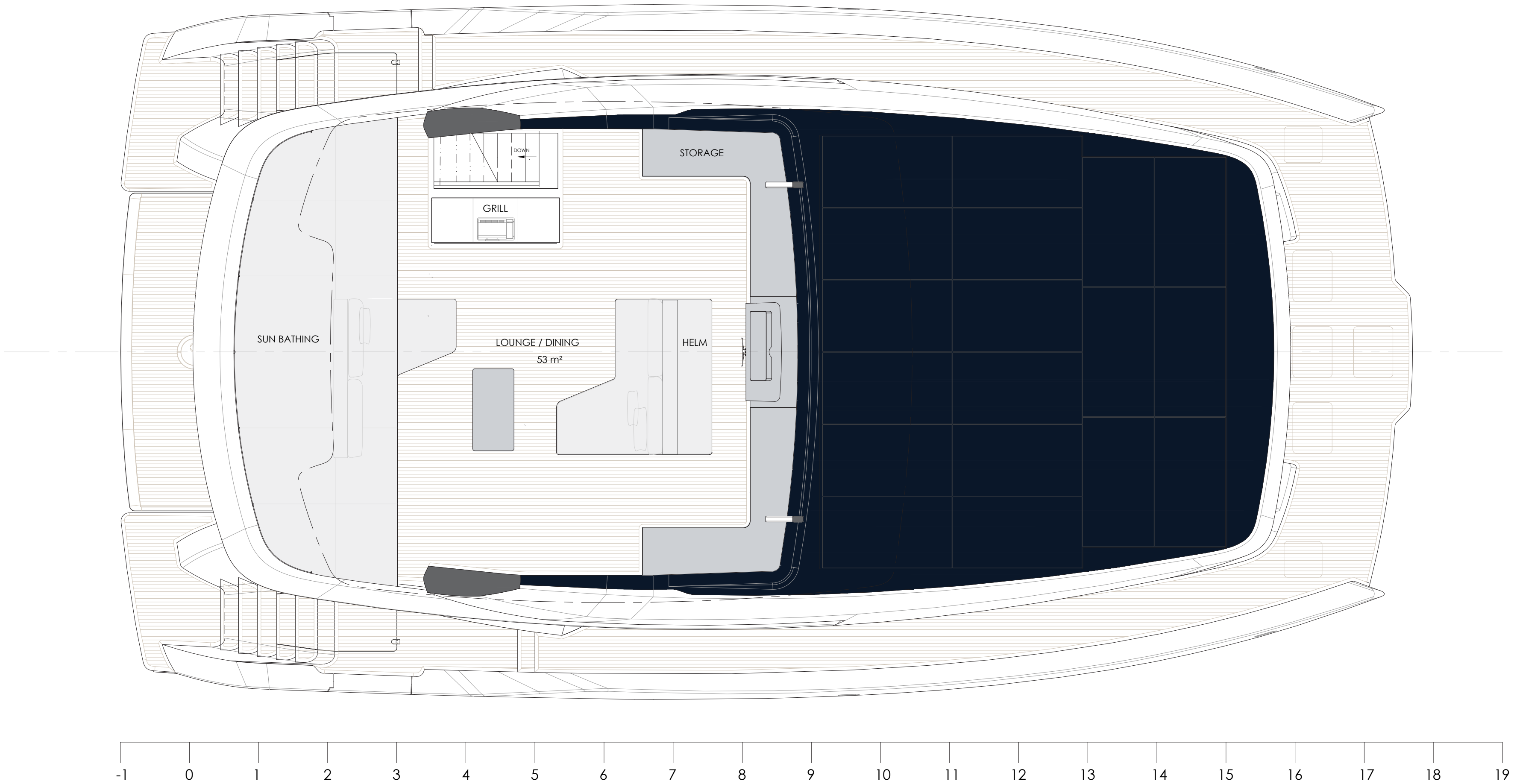
DC Genset
100 kW

V cruise | V max
10 knots | 14 knots

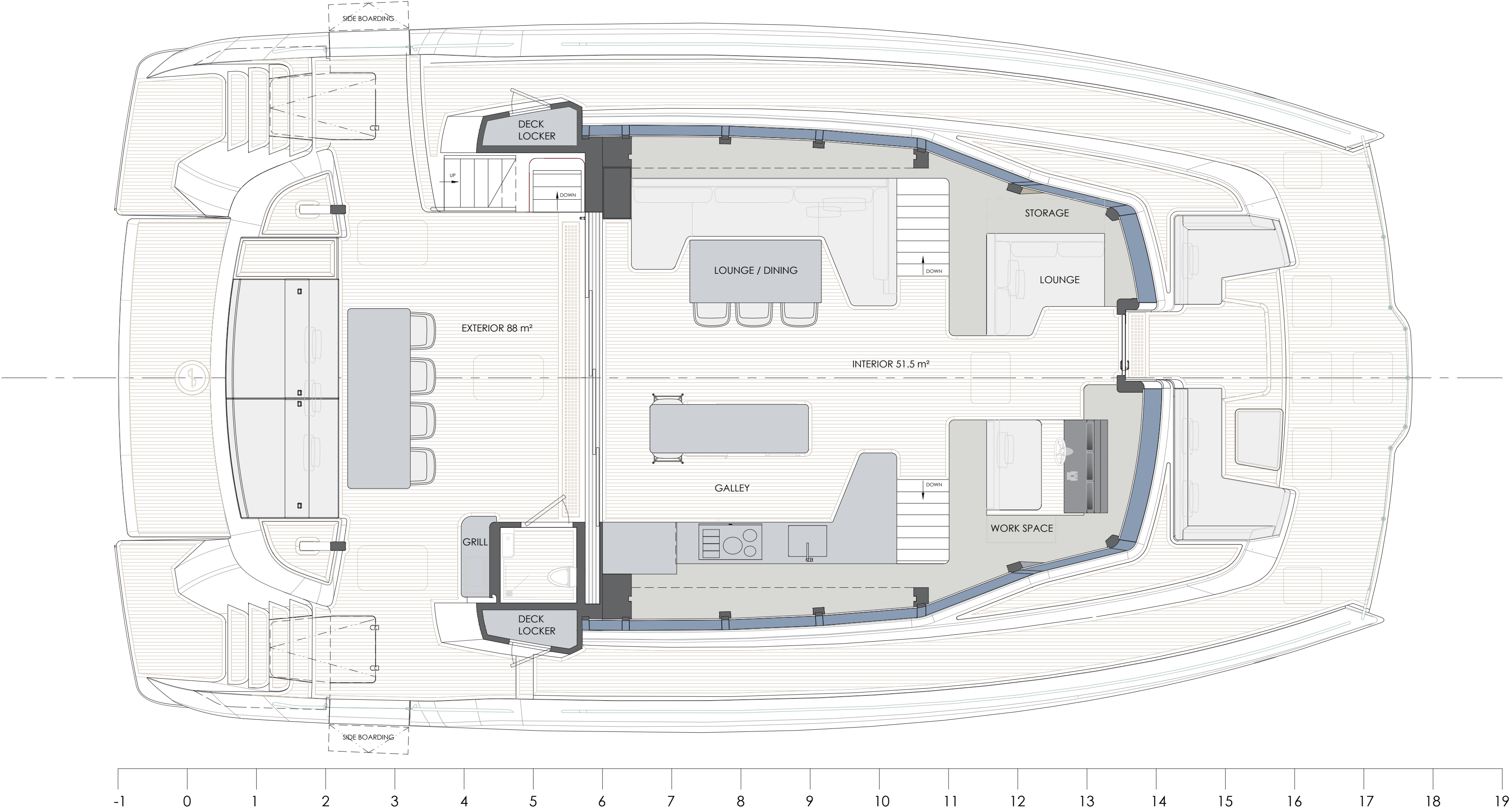




OPEN 3-DECK



OPEN 3-DECK / GALLEY UP OPTION



OPEN 3-DECK

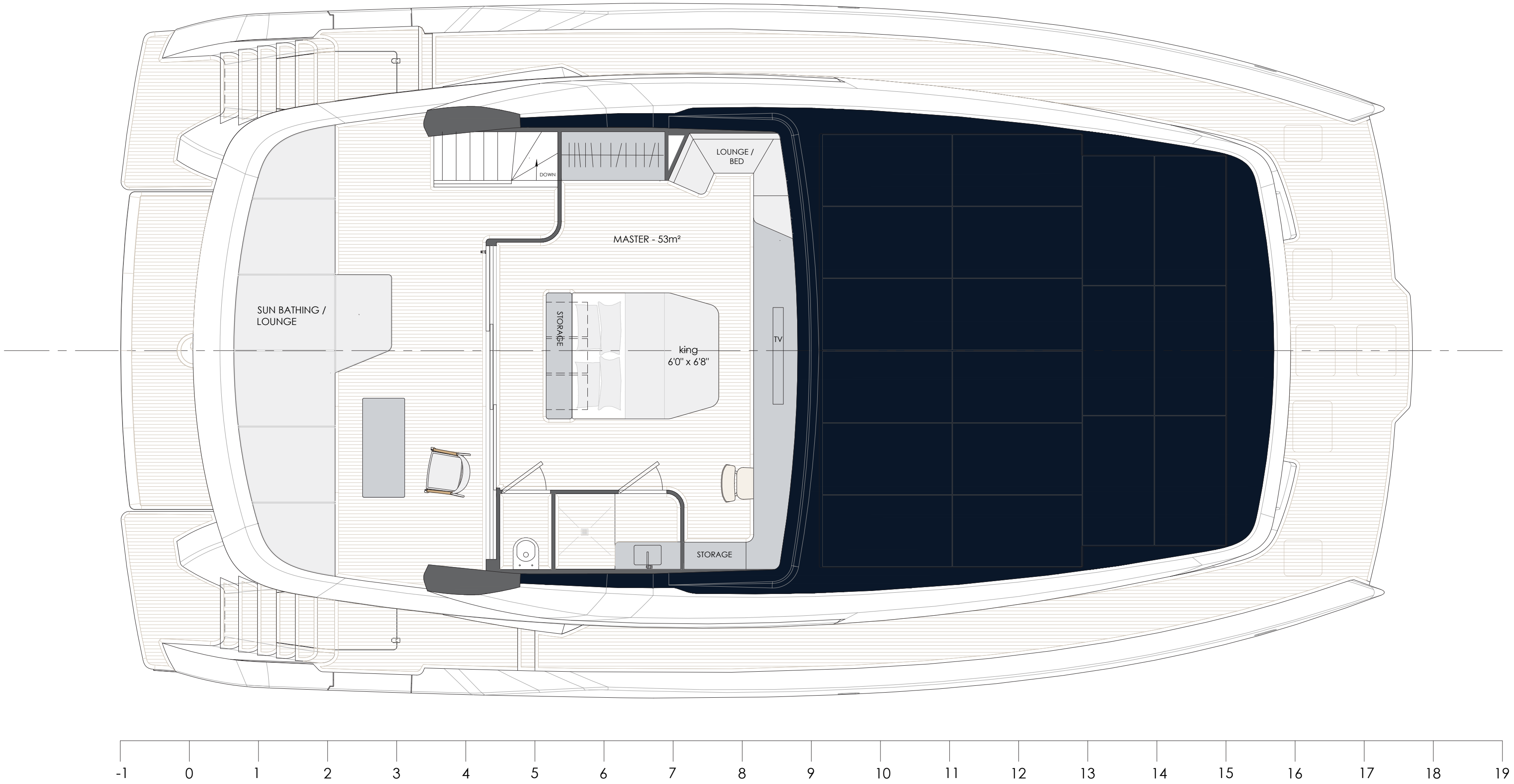


LOWER DECK

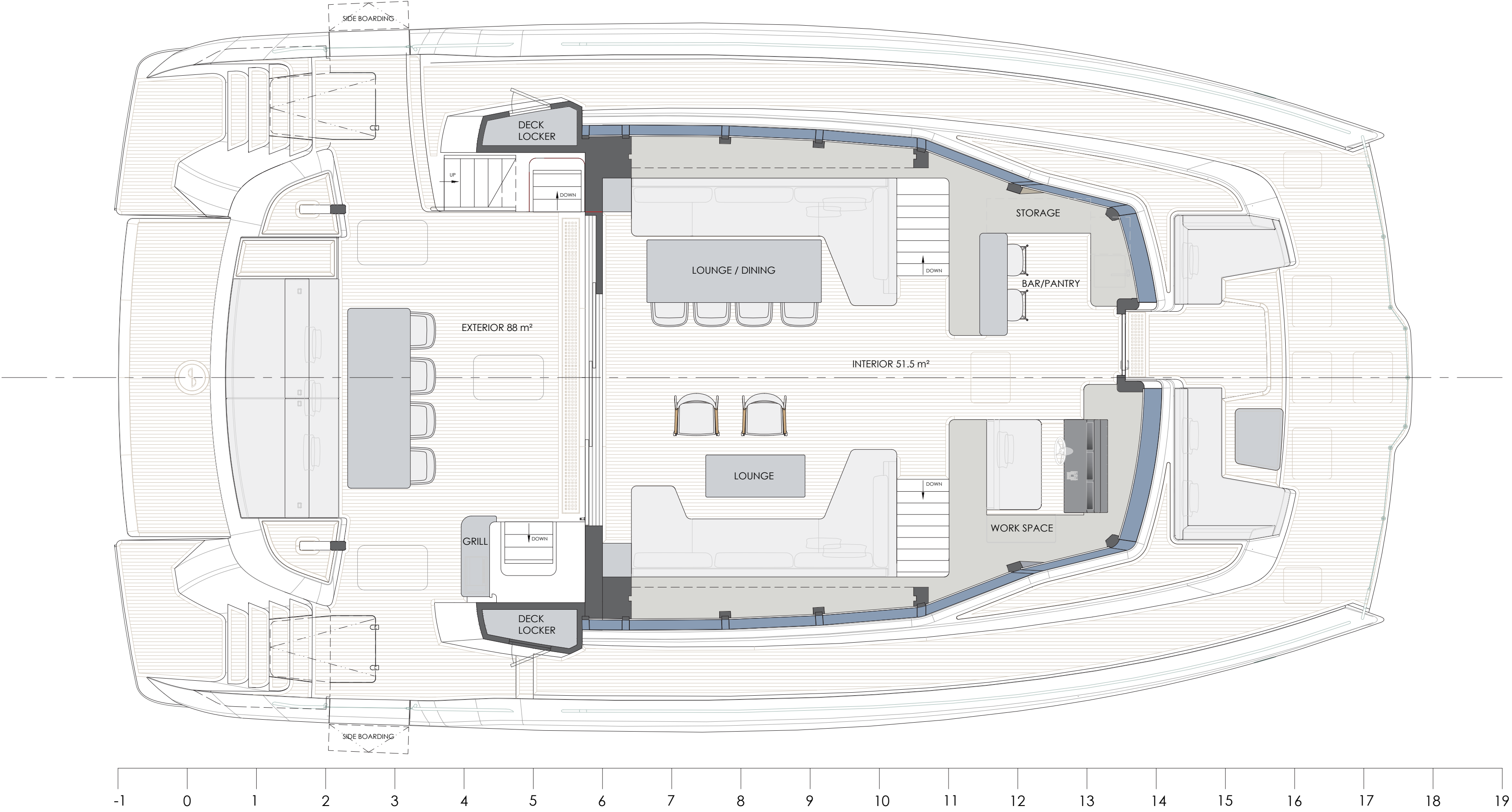
ENCLOSED 3-DECK



ENCLOSED 3-DECK



ENCLOSED 3-DECK



MAIN DECK

ENCLOSED 3-DECK / GALLEY DOWN OPTION



LOWER DECK

FEATURES SS62

Soel Senses 62 | 12

DESIGN

Layout fully customizable
Open or enclosed 3deck option
Low resistance hulls for electric propulsion
Lightweight production
Super yacht build quality from Europe
Bright, open and clean spaces with minimalistic details
Open-plan with panoramic views
Genuine inside-outside experience with large sliding doors



FEATURES SS62

Soel Senses 62 | 13

LAYOUT

Galley on main deck or in the hulls with direct access to crew cabin
Sunbathing and shaded dining area on fly deck with outdoor kitchen / BBQ
Optional master cabin on enclosed fly bridge with scenic outlook
En-suite cabins with large shower cubicles
Full size king and queen beds
Outdoor shaded dining area with BBQ
Sunbeds with sliding backrests for flexible use
Shower and day head on main deck
Hydraulic swim platform with easy access to the water
Large storage lockers for water toys
Dinghy storage both under and on the tender lift
Hydraulic swim platform with easy access to the water





FEATURES SS62

Soel Senses 62 | 15

ELECTRIC SYSTEM

In-house developed electric propulsion systems and battery packages
Safety and reliability with tested system (since 2007 in successful operations on more than 20 vessels)
Real scale system setup and tests in the Netherlands before installation
Ocean crossing capabilities
CE-A Certification
Lightweight battery system low in volume
18.5 kWp - highest solar yield offered on the market
Active solar cooling system
Standard AC single and three phase shore power charging
Fast DC-DC charging capabilities
Smart alarm and read out system (accessibility for mobile devices)
Remote service support



