Revolution Marine S60 & S60e

REVOLUTION EDITIO

Power Cat S60

Electric Cat S60e

Revolution Marine S60 S60e

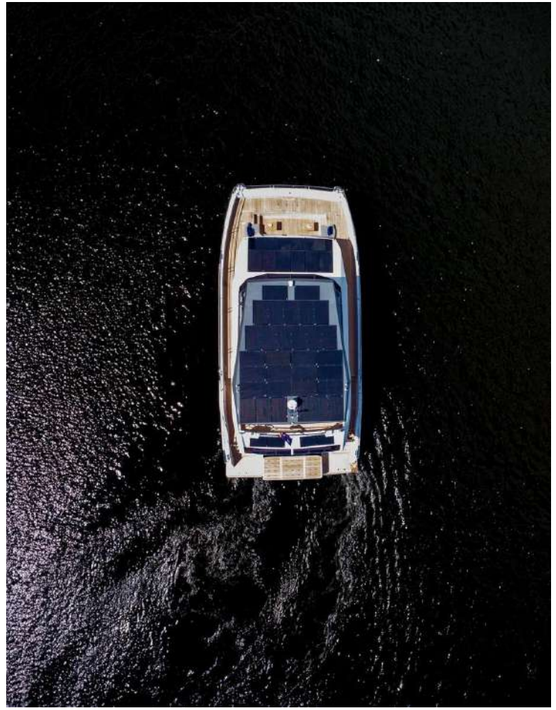
REVOLUTION EDITION

The Revolution S60 & S60e edition is a testament to meticulous craftsmanship and forward-thinking design. Developed under the close supervision of Revolution Marine Group's technical team, this 60-foot masterpiece embodies a seamless harmony of elegance, innovation, and environmental awareness. Every detail has been considered to create an experience of quiet sophistication—where advanced technology enhances comfort, and contemporary design meets the timeless beauty of life at sea.

THE GREEN BLUEPRINT FOR SUSTAINABLE CRUISING

Sustainability is woven into every element of the S60’s design. Expansive solar panels across the flybridge capture the sun’s energy to support onboard systems, while an efficient generator ensures optimal power with minimal fuel use. Every component is crafted to reduce environmental impact without compromising comfort or performance, redefining what responsible luxury on the water can be.

The Oceanwalker S60e takes this vision even further. With electric propulsion and advanced solar integration, it offers near-silent operation and extended independence at sea. Elegant, efficient, and environmentally conscious, the S60e marks a new chapter in sustainable yachting with its Zero Emission Mode.
.



ELEVATING MOMENTS AT SEA WITH 360° VIEWS

The flybridge is an unrivaled vantage point for socializing, relaxing, and immersing yourself in panoramic ocean views. Expansive seating, plush sun loungers, and a fully equipped wet bar create an elegant, open-air environment designed for unforgettable gatherings or quiet escapes. Thoughtfully integrated design ensures seamless movement and effortless comfort, allowing guests to enjoy the sun, breeze, or shade at their leisure while taking in the ever-changing scenery.

BEST-IN-CLASS SPACE AND FLEXIBLE LIVING

Generous volume and intelligent design make the S60 &S60e flybridge a true leader in space utilization. Convertible dining tables transform into lounge areas, offering flexible layouts tailored to your needs—whether entertaining a lively group or enjoying a serene moment with family. Every element has been designed with versatility in mind, creating a fluid space that adapts to any occasion while maintaining the sophistication and comfort expected of a luxury power catamaran.

EFFORTLESS COMFORT, INFINITE VIEWS

From bright sunshine to gentle shade, the foredeck lounge adapts to every preference. This thoughtfully crafted space is a sanctuary for connection, conversation, or quiet reflection at sea.

AN INVITATION TO UNWIND

The aft deck offers a seamless connection to the sea, inviting you to relax in style. With generous seating and unobstructed views, it’s the perfect place to share a meal, a toast, or a quiet moment at anchor. A well-appointed dining area allows for alfresco meals at any time of day, while thoughtful design ensures every detail enhances comfort, conviviality, and the effortless pleasure of life at sea.

SEAMLESS ACCESS, ULTIMATE CONVENIENCE

The aft swim platform offers effortless access to the water, creating the perfect space for both relaxation and activity. Whether lounging comfortably while enjoying the sea breeze or rinsing off after a swim under the outdoor shower, this versatile area combines practicality with leisure. Its thoughtful design ensures every moment—from water sports to quiet sunbathing—is enhanced by convenience and comfort at the water’s edge.

A SANCTUARY OF REFINED COMFORT

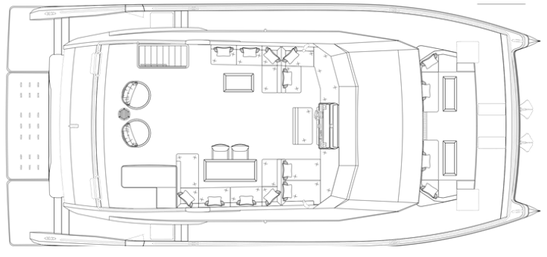
The spacious saloon boasts a contemporary design, with abundant natural light flooding through the panoramic windows. The meticulously crafted furnishings and exquisite finishes create an ambiance of refined elegance, while the open layout fosters a seamless flow between the saloon, dining area, and galley.

YOUR PRIVATE OASIS AWAITS

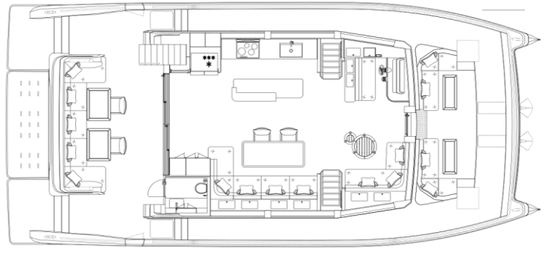
Spacious accommodations provide a haven of tranquility and privacy. Flexible arrangements are offered in either a 3 or 4 stateroom layout with en-suite bathrooms.

Revolution S60 / S60e

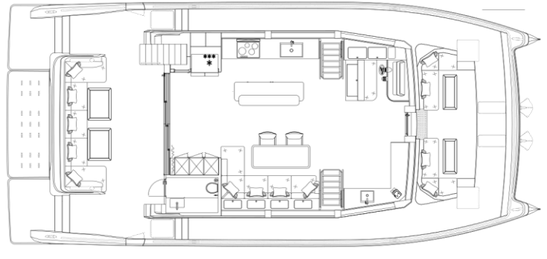
GENERAL ARRANGEMENTS



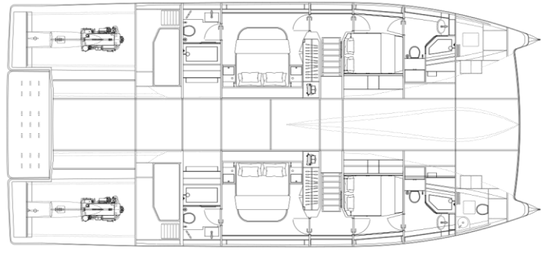
FLYBRIDGE



MAIN DECK



MAIN DECK (OPTIONAL LAYOUT)



LOWER DECK (4 CABIN LAYOUT)

PRINCIPAL CHARACTERISTICS S60 Power Cat. Call for S60e data.

LENGTH OVERALL
18.29 M / 60FT

BEAM
8.38 M / 27.49 FT

DRAFT
1 M / 3.28 FT

DISPLACEMENT
42,000 KG / 92,594 LB

FUEL CAPACITY
8000 LITERS / 2113 US GAL.

FRESH WATER CAPACITY
800 LITERS / 211.34 US GAL.

HOLDING TANK CAPACITY
2 X 380 LITERS / 2 X 100.39 US GAL.

GENERATOR
KOHLER 20.5KW, 60HZ (STANDARD) | 32KW (UPGRADE)

TOTAL POWER
880 HP

ENGINES
VOLVO PENTA TWIN 440 (STANDARD)

MAXIMUM SPEED
16 KNOTS (VIA STANDARD ENGINES)

SOLAR OUTPUT
9 KWP

BATTERY CAPACITY
80 KWH (STANDARD) | 120 KWH (UPGRADE)

ACCOMMODATION
UP TO 10 GUESTS & 3 CREW

Disclaimer: This document is not contractual. All the information, specifications, descriptions, and images contained in this brochure are non-binding and subject to change.

REVOLUTION

MARINE GROUP

For more information visit
REVOLUTIONMARINEGROUP.COM

ZERO Emission Mode

Diesel Generator Detailed Data

Hybrid Inverter Detailed Data

System operation mode switching

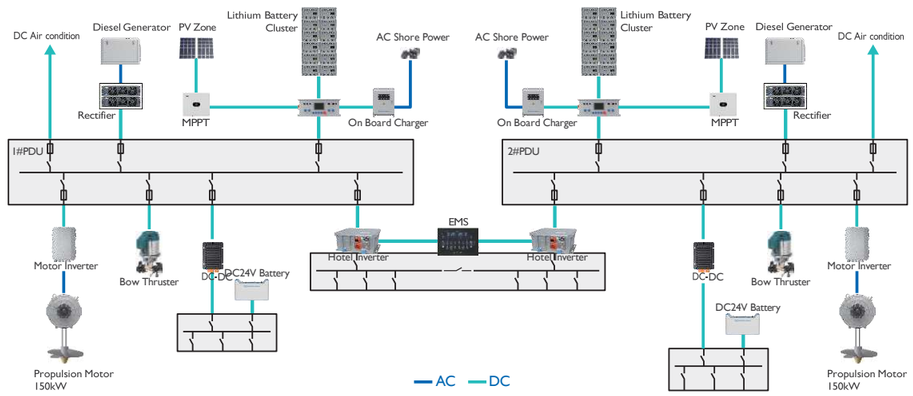
The operating mode can be manually switched to anchor mode, navigation mode, and emergency mode.

EPROPULSION COMMERCIAL

ePropulsion DC Grid System

Length: 60' | Beam: 27'6" | Displacement: 42 t | Maximum speed: 12 kn | Motors: 2 x 150 kW | Batteries: 2 x 141 kWh
Waterline length: 57'10" | Draft: 2'9" | Cruising speed: 8 kn | CE Category: B | Bow thruster : 2 x 14 kW | Range extender: 2 x 55 kW

System Introduction



Propulsion System

- **Propulsion Motor:** 2 x 150 kW permanent magnet synchronous water-cooled motors, each paired with a motor inverter, deliver smooth and precise speed control across a wide operating range.
- **Remote Control System (RCS):** Supports multi-station control authority transfer, integrates with the ship's Energy Management System (EMS) to optimise propulsion power distribution.
- **Optional Bow Thruster:** Supports hydraulic transmission or direct motor drive control.

- **Power Distribution Unit (PDU):** Customised on demand. DC power collection, distribution, and protection.
- **AC-MSB:** Customised on demand. Two-phase AC 240 V.
- **Hotel Inverter:** 2 × 15 kW, water-cooled, Automotive Grade, supports CAN 2.0 communication.
- **DC-DC Converter:** 2 × 2 kW, Automotive Grade, supports CAN 2.0 communication.
- **Energy Management System (EMS):** Intelligent algorithms automatically optimise power allocation, coordinate unit start-up and shutdown, and smooth load fluctuations to enhance

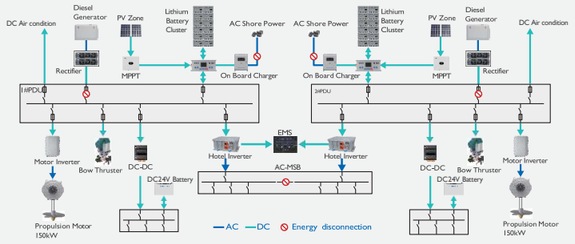
Power Supply System

- **Power Battery Cluster:** LiFePO4 battery, 2 × 141.312 kWh.
- **Optional PV Generation System:** Configure MPPT to support 100-1500 VDC PV array input.
- **Diesel Generator Set:** 2×55 kW, each with 60 kW rectifier.
- **DC24V Battery:** 440 Ah
- **On Board Charger:** 2× 6.6 kW

System Functions

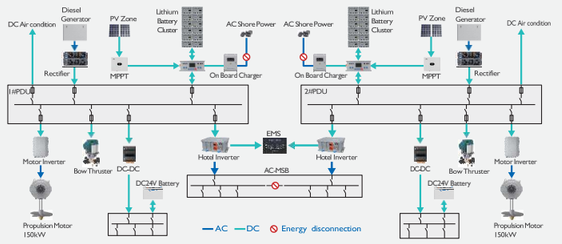
Zero Emission Mode

- Operating Status:
  - The two diesel generator sets are shut down, with the propulsion motor and onboard loads powered by the lithium battery cluster.
  - The PV Generation System simultaneously charges the lithium battery.
- Application Scenarios:
  - The propulsion motor operates at limited power (maximum 100 kW) while both diesel generator sets remain fully shut down, enabling zero-emission operation.
  - When the battery capacity drops below 20%, the vessel can switch to hybrid mode manually or automatically.
- Energy Flow Direction:
  - Lithium battery → DC grid → Propulsion motor + Onboard loads
- Key Features:
  - Zero-emission operation, supporting environmental protection and low-carbon, green navigation.
  - High onboard comfort with low vibration, minimal noise, and no exhaust fumes or odours.
  - Quiet operation, making it suitable for environmentally sensitive areas such as coastal zones, ports and nighttime operations.



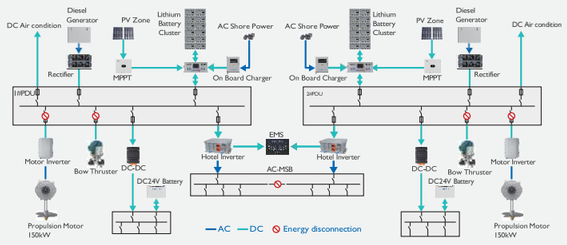
Hybrid Propulsion Mode

- Operating Status:
  - 2 x diesel generator sets operate synchronously with the lithium battery to power the propulsion motor and all onboard loads.
  - The PV Generation System simultaneously charges the lithium battery.
- Application Scenarios:
  - Diesel generator sets provide extended runtime capability, supporting long-range navigation requirements.
  - Lithium batteries assist with peak load reduction to improve overall system energy efficiency and can also serve as emergency power sources.
  - When propulsion demand is low, surplus power from the diesel generator sets can be used to charge the lithium battery.
- Energy Flow Direction:
  - Diesel + Battery → DC grid → Propulsion motor + Onboard loads
- Key Features:
  - High flexibility, suitable for operation across the full speed range.
  - Long endurance, supporting extended and long-range navigation.
  - High energy efficiency, delivers excellent operational economy.
  - High redundancy ensures a more reliable power supply.



Anchoring / Mooring Mode

- Operating Status:
  - The diesel generator set operates or connects to shore power to supply electricity to the vessel's onboard loads while simultaneously charging the lithium batteries; the propulsion motor remains in standby mode.
- Application Scenarios:
  - Engaged manually once sailing is complete and the vessel is at anchor or moored.
  - Shore power provides slow charging to the lithium batteries via the On-Board Charger (OBC).
  - The diesel generator set rapidly charges the lithium batteries via the rectifier.
  - A configurable DC charging station enables rapid charging of the lithium batteries.
- Energy Flow Direction:
  - Diesel generator set / Shore power → DC grid → Power battery + Onboard loads
- Key Features:
  - Flexible power supply options, compatible with shore power, diesel generators and DC charging stations.
  - Stable power replenishment while docked ensures sufficient battery capacity for the next voyage.
  - Safe and reliable, meeting the vessel's full load requirements during mooring.



Main Interface

Real-time display of driving information, including speed, heading angle, power/rpm, battery level, heading time/distance, and remaining time/distance.

System Diagram

Real-time display of energy system equipment data and energy flow. Click on each device to display detailed device data, faults, etc.

Zero Emission Mode

Hybrid Propulsion Mode

Motor Detailed Data

Battery Detailed Data