



Integrel
solutions

NAVICO
GROUP

POWERED BY INTEGR



CLEANER SAILING FROM NAVICO GROUP & INTEGREL

A shared mission to accelerate the marine industry towards sustainable power generation gives customers the option to remove the polluting fossil fuelled generator without sacrificing on-board luxuries.

Founded in 2003, Triskel Marine (trading as Integrel Solutions) has spent 20 years researching and developing efficient power generation and storage technologies for the marine world.

Over the last 20 years, Navico Group have brought together the world's most trusted brands, offering decades of experience designing and developing state of the art technology and intuitive systems.

The Integrel system delivers unprecedented power and drive generation, intelligently stored in 48V Mastervolt batteries. Fathom from Navico, offers the user advanced digital controls on demand with seamless integration.

Marine power generation and control for the 21st century.



Integr^{el}
solutions



FATHOM[®]
e-power system

NAVICO
GROUP



Integr8
solutions

ENGINE RANGE (hp)

30-80

30-80

E-POWER (kW)

9 kW

18 kW

E-DRIVE (hp)

—

—

48V SYSTEM

Yes

Yes

FATHOM INTEGRATION

Yes

Yes

AFTER MARKET FIT

Yes

Yes

FACTORY FIT

Yes

Yes

GLOBAL SUPPORT

Yes

Yes

**E-DRIVE
15 SE**

45-115

15 kW

20

Yes

Yes

—

Yes

Yes

**E-DRIVE
30 DE**

45-115

30 kW

40

Yes

Yes

—

Yes

Yes

**E-DRIVE
30 SE**

100-200+

30 kW

40

Yes

Yes

—

Yes

Yes

**E-DRIVE
60 DE**

100-200+

60 kW

80

Yes

Yes

—

Yes

Yes

COMING
SOON 2025



FEATURES & BENEFITS

REPLACE YOUR GENERATOR

Completely replace a standalone generator and use the Integrel system to power all on-board appliances. Make the most of a quieter sailing experience as the Integrel system works in silence.

FULLY AUTOMATIC

The Integrel system works quietly in the background, with very little need for user intervention. The engine and batteries are carefully monitored and an alert is generated when batteries need charging.

REDUCED COSTS

Along with reduced maintenance and marina costs, the Integrel system does not require a separate engine. This makes fitting costs less than a stand-alone generator with no need for through-hull fittings and separate cooling systems.

REDUCED CARBON FOOTPRINT

The Integrel system improves the fuel efficiency of the propulsion engine up to 25%, reducing overall vessel fuel consumption. It is fully automatic, managing electrical power generation, storage, conversion and distribution in one package.





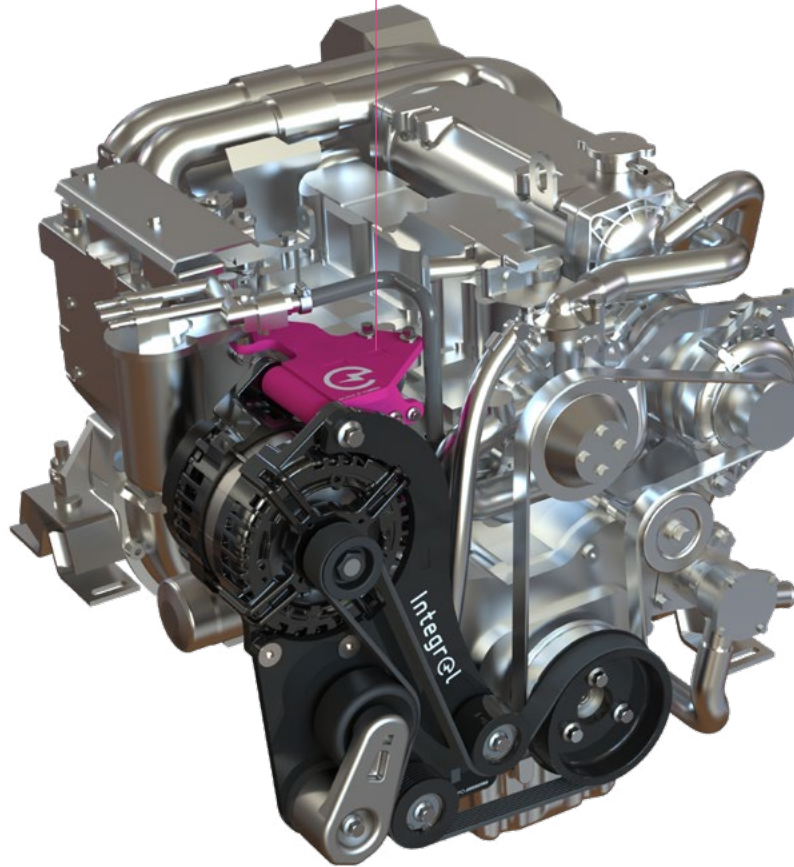
INTEGREL E-POWER 9 SE

COMPATIBLE WITH

YANMAR | VOLVO | NANNI | BETA | VETUS

The INTEGREL E-POWER 9 SE, designed for single engine monohull applications, delivers up to 9 kW of energy generation, intelligently stored in 48V Mastervolt batteries. Integrel monitors throttle input, so that in the event full engine power is needed for propulsion, the system instantly powers down. As soon as stable engine RPM is restored, Integrel resumes full power generation.

Integrel E-power 9 SE power generation technology makes fossil fuelled generators obsolete. Tranquil evenings at anchor are no longer ruined by the noise, vibration and smell of a polluting generator.



— ON ENGINE GENERATOR (OEG) AND MOUNTING BRACKETS

Mounted on the front of the engine, this generates the power at 48V.

— 1X INTELLIGENT CONTROLLER

Manages OEG performance, ensuring the engine is never overloaded.

— 1X INTEGREL SCREEN

Allows you to view data from the OEG, the engine and the batteries.

— 1X SMART SWITCH

A dedicated safety switch that constantly monitors key parameters to ensure that no safety limits are breached.

— 1X BANK SENSOR

Monitors the battery state of charge and energy production.

— WIRING LOOMS

Transports the power and data to the components.

— FULLY TESTED IN HOUSE

Every component tested and configured to your boat.

9 kW
OF POWER

25%
FUEL SAVING

40
KILOGRAMS

100%
AUTOMATIC

48
VOLTS

ZERO
MAINTENANCE



— 2X ON ENGINE GENERATOR (OEG)
AND MOUNTING BRACKET

Mounted on the front of the engine, this generates the power at 48V.

— 2X INTELLIGENT CONTROLLER

Manages OEG performance, ensuring the engine is never overloaded.

— 1X INTEGREL SCREEN

Allows you to view data from the OEG, the engine and the batteries.

— 1X SMART SWITCH

A dedicated safety switch that constantly monitors key parameters to ensure that no safety limits are breached.

— 2X BANK SENSOR

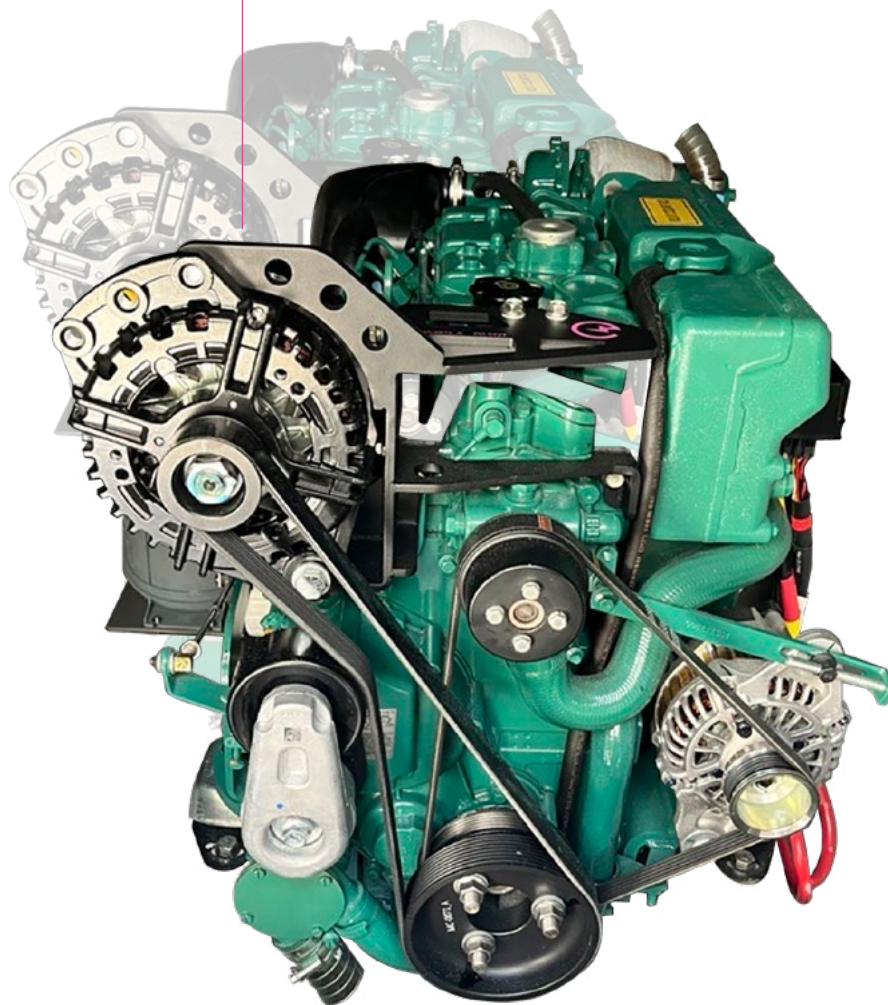
Monitors the battery state of charge and energy production.

— WIRING LOOMS

Transports the power and data to the components.

— FULLY TESTED IN HOUSE

Every component tested and configured to your boat.



INTEGREL E-POWER 18 DE

COMPATIBLE WITH

YANMAR | VOLVO | NANNI | BETA | VETUS

The INTEGREL E-POWER 18 DE designed for dual engine monohull and catamaran applications, delivers up to 18 kW of energy generation, intelligently stored in 48V Mastervolt batteries.

Integrel can easily be installed on new vessels or retrofitted to existing systems. We typically suggest 5 to 7 days for new build boats. An installation guide is supplied with step-by-step instructions to fit the system. We also offer support training, adding your team to our network of approved installers with the added confidence that advice is readily available if required.

18 kW
OF POWER

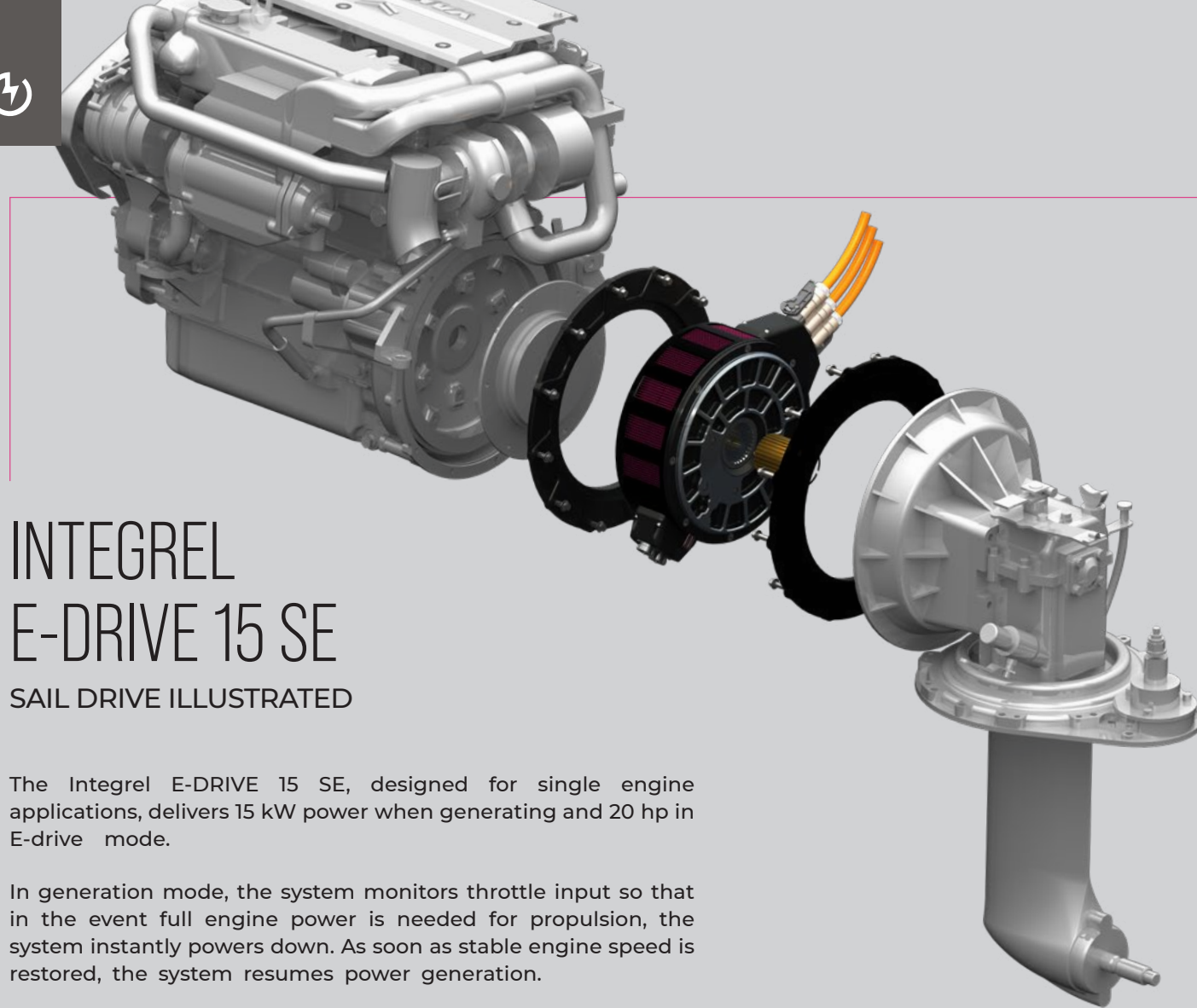
25%
FUEL SAVING

77
KILOGRAMS

100%
AUTOMATIC

48
VOLTS

ZERO
MAINTENANCE



INTEGREL E-DRIVE 15 SE

SAIL DRIVE ILLUSTRATED

The Integrel E-DRIVE 15 SE, designed for single engine applications, delivers 15 kW power when generating and 20 hp in E-drive mode.

In generation mode, the system monitors throttle input so that in the event full engine power is needed for propulsion, the system instantly powers down. As soon as stable engine speed is restored, the system resumes power generation.

Using the electric drive starts with turning the fossil fuel engine off. The throttle drives the boat like normal, but without the noise, vibration and smell.

— SLIMLINE SHAFT-DRIVEN MOTOR

Installed between the engine and the transmission.

Generates power to charge batteries at 48V.

Drives the boat using power stored in 48V batteries.

— 1X INTELLIGENT CONTROLLER

Manages motor operation to provide seamless electric drive transition and automatic power generation.

Full integration with battery systems and third-party screens such as B&G chartplotters.

— 1X INTEGREL SCREEN

Provides system monitoring and control of power generation, electric drive and batteries.

— FULLY TESTED IN HOUSE

Every component tested & configured for your boat.

— FULLY INTEGRATED

Full integration into Fathom e-power system from Navico.

— AVAILABLE IN SHAFT OR SAIL DRIVE

Only adds 100mm to the axial length of the powertrain.

15 kW
OF POWER

25%
FUEL SAVING

40
KILOGRAMS

100%
AUTOMATIC

48
VOLTS

20
E-DRIVE HP

COMPATIBLE WITH
YANMAR | VOLVO | NANNI | BETA | VETUS



INTEGREL E-DRIVE 30 DE

SHAFT DRIVE ILLUSTRATED

The Integrel E-DRIVE 30 DE delivers a combined 30 kW power when generating and drives the boat with 40 hp in e-drive mode.

The Integrel Controller intelligently regulates and stores generated power in 48V Mastervolt lithium-ion batteries. In e-drive mode, users have seamless control over both e-drives with zero emissions and no additional fuel costs.

With 30kW of power generation and state of the art Mastervolt Lithium-Ion batteries, there's plenty of power available to operate all your favourite appliances on-board. Imagine running air-conditioning all night long to stay cool without all the vibration, noise, pollution and smell of a generator running.

30 kW
OF POWER

25%
FUEL SAVING

80
KILOGRAMS

100%
AUTOMATIC

48
VOLTS

40
E-DRIVE HP

COMPATIBLE WITH
YANMAR | VOLVO | NANNI | BETA | VETUS

— SLIMLINE SHAFT-DRIVEN MOTOR

Installed between the engine and the transmission.

Generates power to charge batteries at 48V.

Drives the boat using power stored in 48V batteries.

— 2X INTELLIGENT CONTROLLER

Manages motor operation to provide seamless electric drive transition and automatic power generation.

Full integration with battery systems and third-party screens such as B&G chartplotters.

— 1X INTEGREL SCREEN

Provides system monitoring and control of power generation, electric drive and batteries.

— FULLY TESTED IN HOUSE

Every component tested & configured for your boat.

— FULLY INTEGRATED

Full integration into Fathom e-power system from Navico.

— AVAILABLE IN SHAFT OR SAIL DRIVE

Only adds 100mm to the axial length of the powertrain. Offers the user dual redundancy.



INTEGREL E-DRIVE 30 SE

SHAFT DRIVE - SINGLE ENGINE

The INTEGREL E-DRIVE 30 SE designed for single engine applications, delivers 30 kW power when generating and 40 hp in E-drive mode.

In generation mode, the system monitors throttle input so that in the event full engine power is needed for propulsion, the system instantly powers down. As soon as stable engine speed is restored, the system resumes power generation.

Using the electric drive starts with turning the fossil fuel engine off. The throttle drives the boat like normal, but without the noise, vibration and smell.

30 kW
OF POWER

25%
FUEL SAVING

55
KILOGRAMS

100%
AUTOMATIC

48
VOLTS

40
E-DRIVE HP

COMPATIBLE WITH

YANMAR | VOLVO | NANNI | BETA | VETUS

– SLIMLINE SHAFT-DRIVEN MOTOR

Installed between the engine and the transmission.

Generates power to charge batteries at 48V.

Drives the boat using energy stored in 48V batteries.

– 1X INTELLIGENT CONTROLLER

Manages motor operation to provide seamless electric drive transition and automatic power generation.

Full integration with battery systems and third-party screens such as B&G chartplotters.

– 1X INTEGREL SCREEN

Provides system monitoring and control of power generation, electric drive and batteries.

– FULLY TESTED IN HOUSE

Every component tested & configured for your boat.

– FULLY INTEGRATED

Full integration into Fathom e-power system from Navico.

– AVAILABLE IN SHAFT OR SAIL DRIVE

Only adds 150mm to the axial length of the powertrain



INTEGREL E-DRIVE 60 DE

SHAFT DRIVE ILLUSTRATED

The INTEGREL E-DRIVE 60 DE, designed for monohull with dual engine and catamaran applications, delivers 60 kW power when generating and 80 hp in E-drive mode.

In generation mode, the system monitors throttle input so that in the event full engine power is needed for propulsion, the system instantly powers down. As soon as stable engine speed is restored, the system resumes power generation.

Using the electric drive starts with turning the fossil fuel engine off. The throttle drives the boat like normal, but without the noise, vibration and smell.

60 kW
OF POWER

25%
FUEL SAVING

110
KILOGRAMS

100%
AUTOMATIC

48
VOLTS

80
E-DRIVE HP

COMPATIBLE WITH
YANMAR | VOLVO | NANNI | BETA | VETUS

— SLIMLINE SHAFT-DRIVEN MOTOR

Installed between the engine and the transmission.

Generates power to charge batteries at 48V.

Drives the boat using power stored in 48V batteries.

— 2X INTELLIGENT CONTROLLER

Manages motor operation to provide seamless electric drive transition and automatic power generation.

Full integration with battery systems and third-party screens such as B&G chartplotters.

— 1X INTEGREL SCREEN

Provides system monitoring and control of power generation, electric drive and batteries.

— FULLY TESTED IN HOUSE

Every component tested & configured for your boat.

— FULLY INTEGRATED

Full integration into Fathom e-power system from Navico.

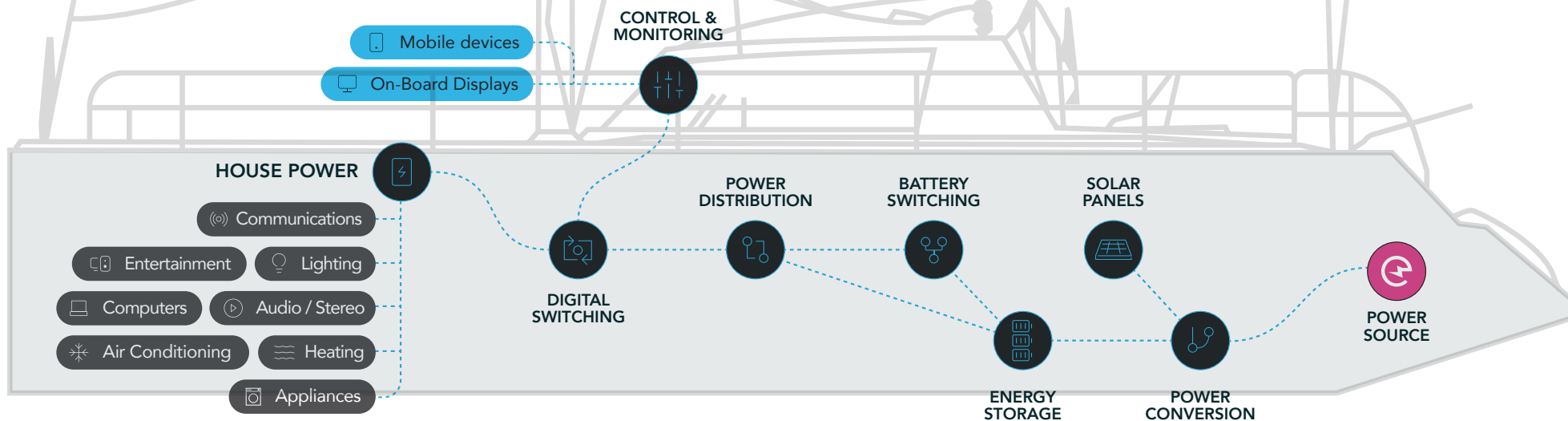
— AVAILABLE IN SHAFT OR SAIL DRIVE

Only adds 150mm to the axial length of the powertrain. Offers the user dual redundancy.



FATHOM[®]

e-power system



ANCOR

attwood

BEP

B&G

BLUE SEA
SYSTEMS

C-MAP

CZONE

GARRELICK

FATHOM
e-power system

Integr[®]el
solutions

LENCO

LOWRANCE

MARINCO

MASTERVOLT

MotorGuide

Progressive
Industries

ProMariner

RELiON

SIMRAD

Whale