



Integr^{el}
solutions

NAVICO
GROUP

INTEGRAL E-POWER



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.

Integrel E-Power 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.





NO GENERATOR. NO NOISE. NO FUMES.

Using Integrel E-Power alongside Navico's Fathom system; means you'll never worry about power again. Fathom combines the latest lithium-ion technology with premium components from the world's leading brands to deliver a complete power management system. Receive long-lasting, reliable power, and the ability to visualize and manage your usage with ease.



On-Board
Diesel
Generator



PAST POWER SOLUTIONS



Costly
Fuel



Noise
Pollution



Low
Efficiency



High
Maintenance



Low
Run Time



Integrated
Lithium-Ion
System



THE FATHOM FUTURE



Lower
Emissions



Lower
Noise



High
Efficiency



Less
Maintenance



Monitor
& Control





INTEGREL E-POWER 9 SE

COMPATIBLE WITH

YANMAR | VOLVO | NANNI | BETA | VETUS

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.



— E-POWER ON ENGINE GENERATOR (OEG) AND MOUNTING BRACKETS

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

— 1X INTELLIGENT CONTROLLER

The brain of the E-Power system, configured to work in harmony with the engine and battery system

— 1X INTEGREL E-POWER SCREEN

Allows you to view data from the E-Power 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

LOW
MAINTENANCE



— 2X E-POWER ON ENGINE
GENERATOR (OEG)

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

— 2X INTELLIGENT CONTROLLER

Manages performance of the E-Power
OEG, ensuring the engine is never
overloaded

— 1X INTEGRAL E-POWER SCREEN

Allows you to view data from the
E-Power 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

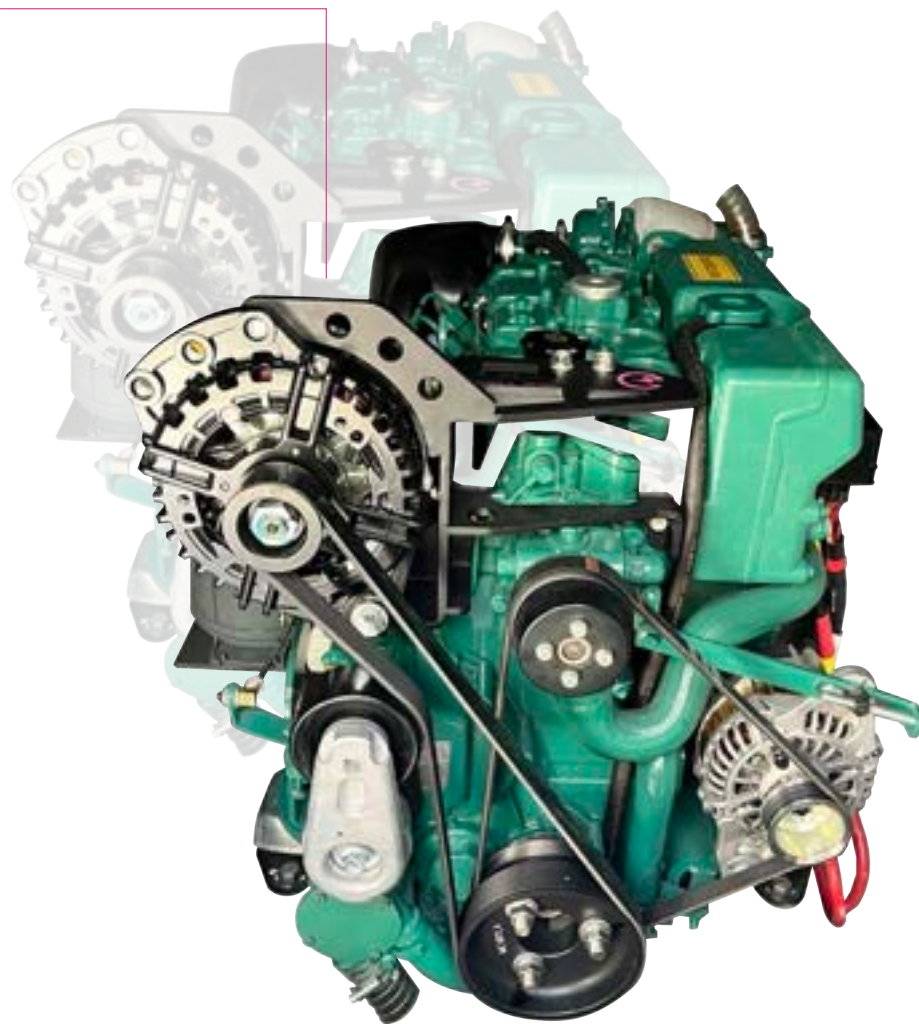
Monitors the battery state of charge
and energy production

— WIRING LOOMS

Transports the power and data to the
components

— FULLY TESTED IN HOUSE

Every component tested and
configured to your boat



INTEGRAL E-POWER 18 DE

COMPATIBLE WITH

YANMAR | VOLVO | NANNI | BETA | VETUS

Integral E-Power 18 DE delivers up to 18 kW
of energy generation, intelligently stored in 48V
Mastervolt batteries. Integral 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, Integral E-Power resumes full power
generation.

The combined propeller and Integral generator
load bring the overall load on the engine much
closer to optimum efficiency. As a result, the
engine runs more effectively whilst generating
large amounts of energy with near optimal
fuel usage.

18 kW
OF POWER

25%
FUEL SAVING

77
KILOGRAMS

100%
AUTOMATIC

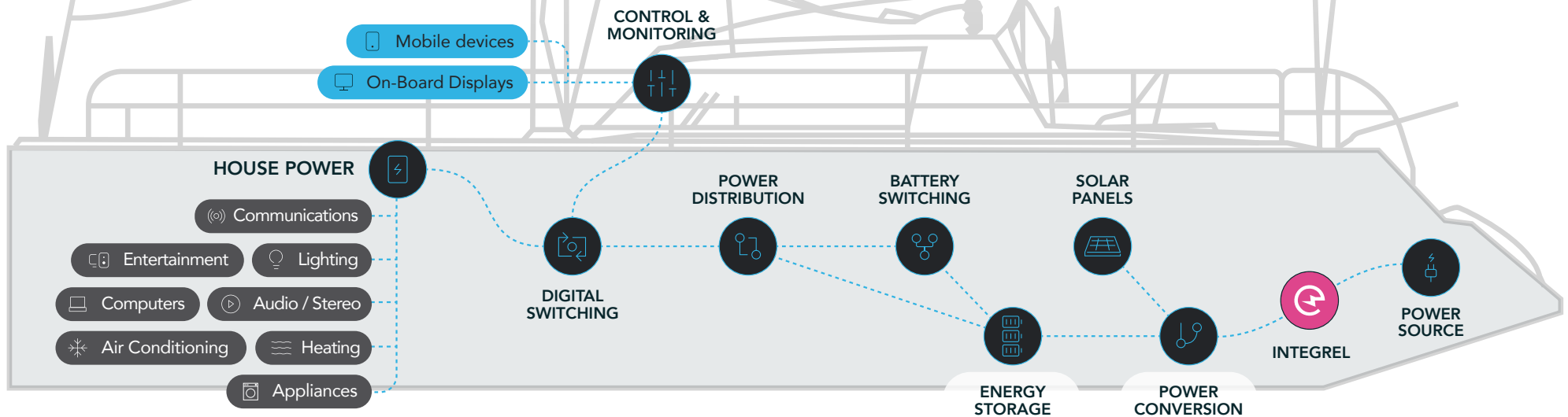
48
VOLTS

MAINTENANCE



FATHOM[®]

e-power system



INSTALLING INTEGREL E-POWER

Integrel E-Power 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.

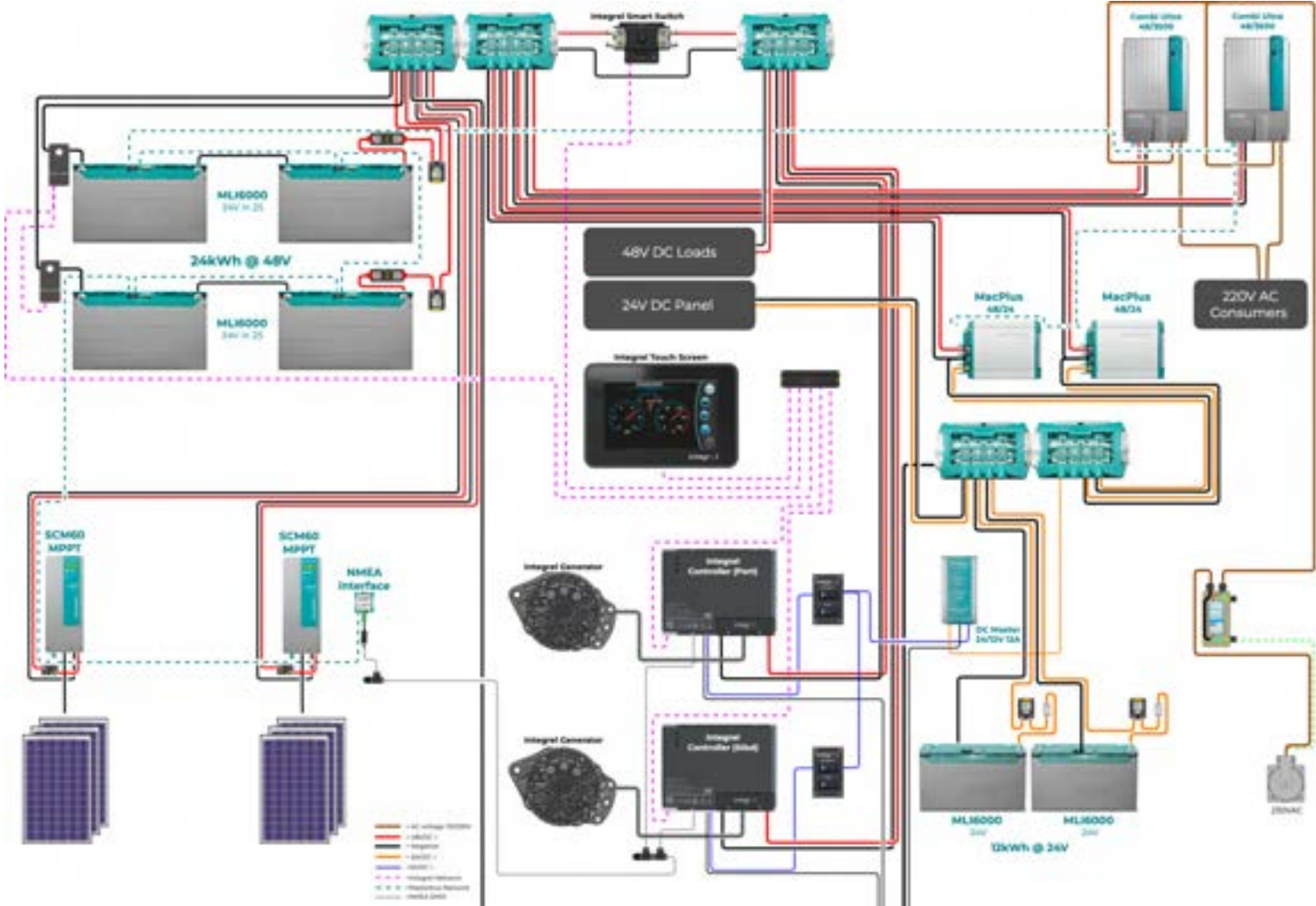
We also offer support training, adding your team to our network of approved installers with the added confidence that advice is readily available if required.



FATHOM[®]

e-power system

TOTAL INTEGRATION INTO FATHOM. INTEGREL E-POWER INTELLIGENTLY GENERATES UP TO 18 KW OF ENERGY STORED IN 48V LITHIUM. SEAMLESS, RELIABLE POWER AT THE FLICK OF A SWITCH.





Integrel

solutions

NAVICO
GROUP

www.integrelsolutions.com
sales@integrelsolutions.com
+44 1736 755466