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**Integrel**  
solutions

**NAVICO**  
GROUP

**INTEGREL 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.

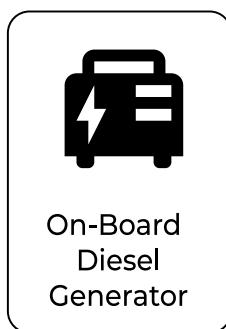
Integrel E-Power delivers unprecedented power and drive generation, intelligently stored in 48V Mastervolt batteries. Fathom from Navico, offers the user advanced digital controls on demand with seamless integration.

Marine power generation and control for the 21st century.



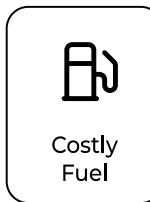
# NO GENERATOR. NO NOISE. NO FUMES.

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

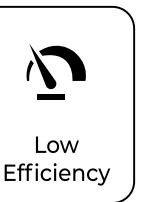
## ✗ PAST POWER SOLUTIONS



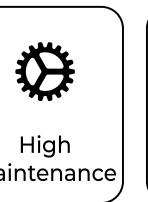
Costly  
Fuel



Noise  
Pollution



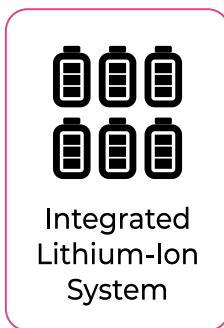
Low  
Efficiency



High  
Maintenance



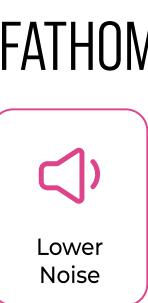
Low  
Run Time



Integrated  
Lithium-Ion  
System



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 INTEGREL E-POWER SCREEN

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

9 kW

OF POWER

25%

FUEL SAVING

40

KILOGRAMS

100%

AUTOMATIC

48

VOLTS

LOW

MAINTENANCE

— FULLY TESTED IN HOUSE

Every component tested and configured to your boat



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

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

— 2X INTEGREL CONTROLLER

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

— 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

— 2X BANK SENSOR

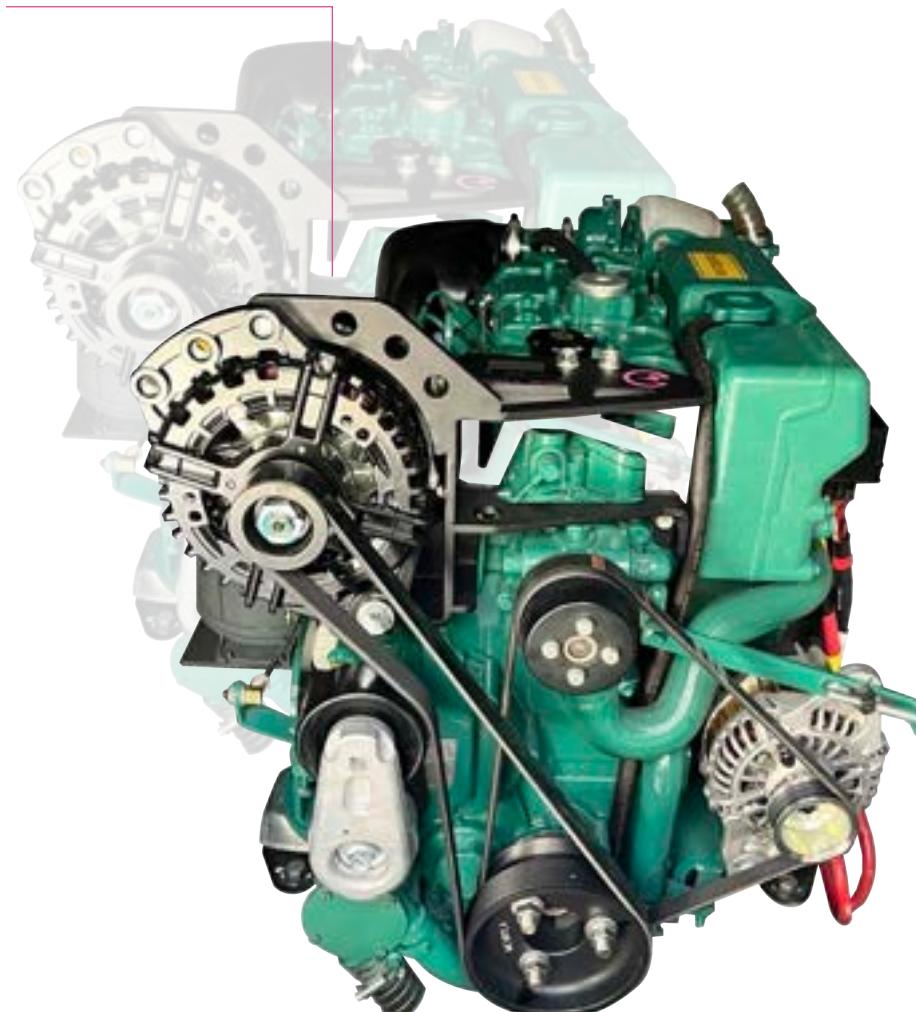
Monitors the battery state of charge  
and energy production

— 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

Integrel E-Power 18 DE delivers up to 18 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 E-Power resumes full power generation.

The combined propeller and Integrel 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

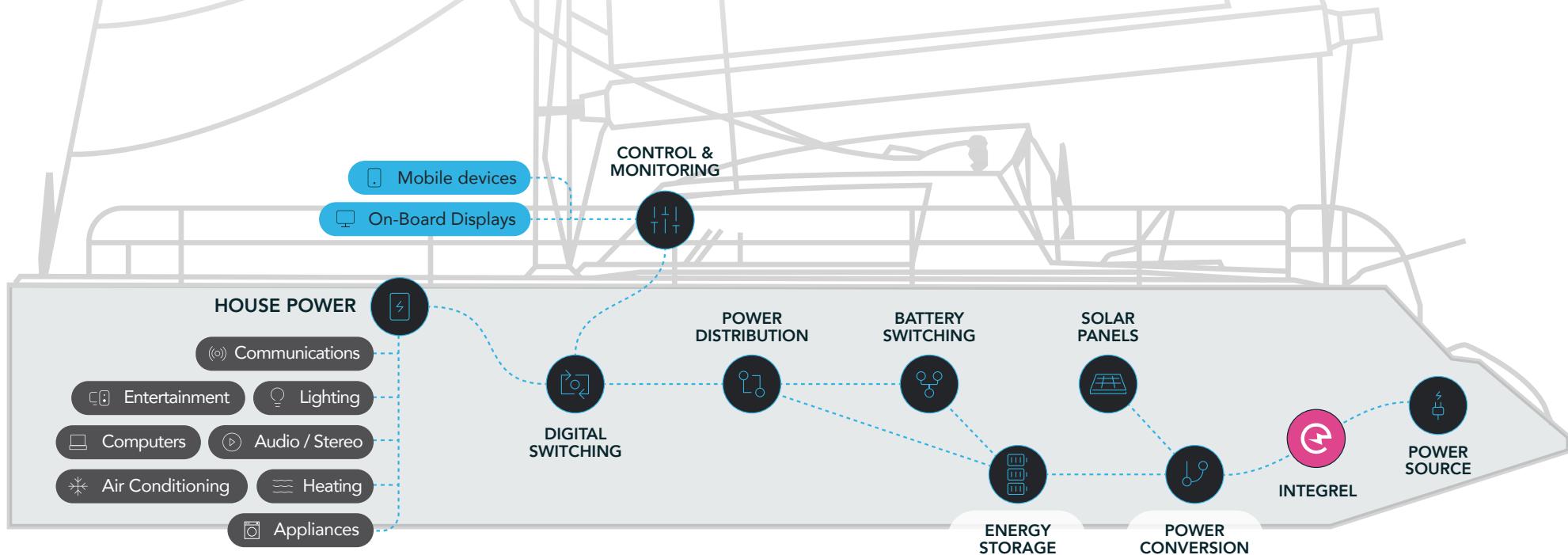
100%  
AUTOMATIC

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.

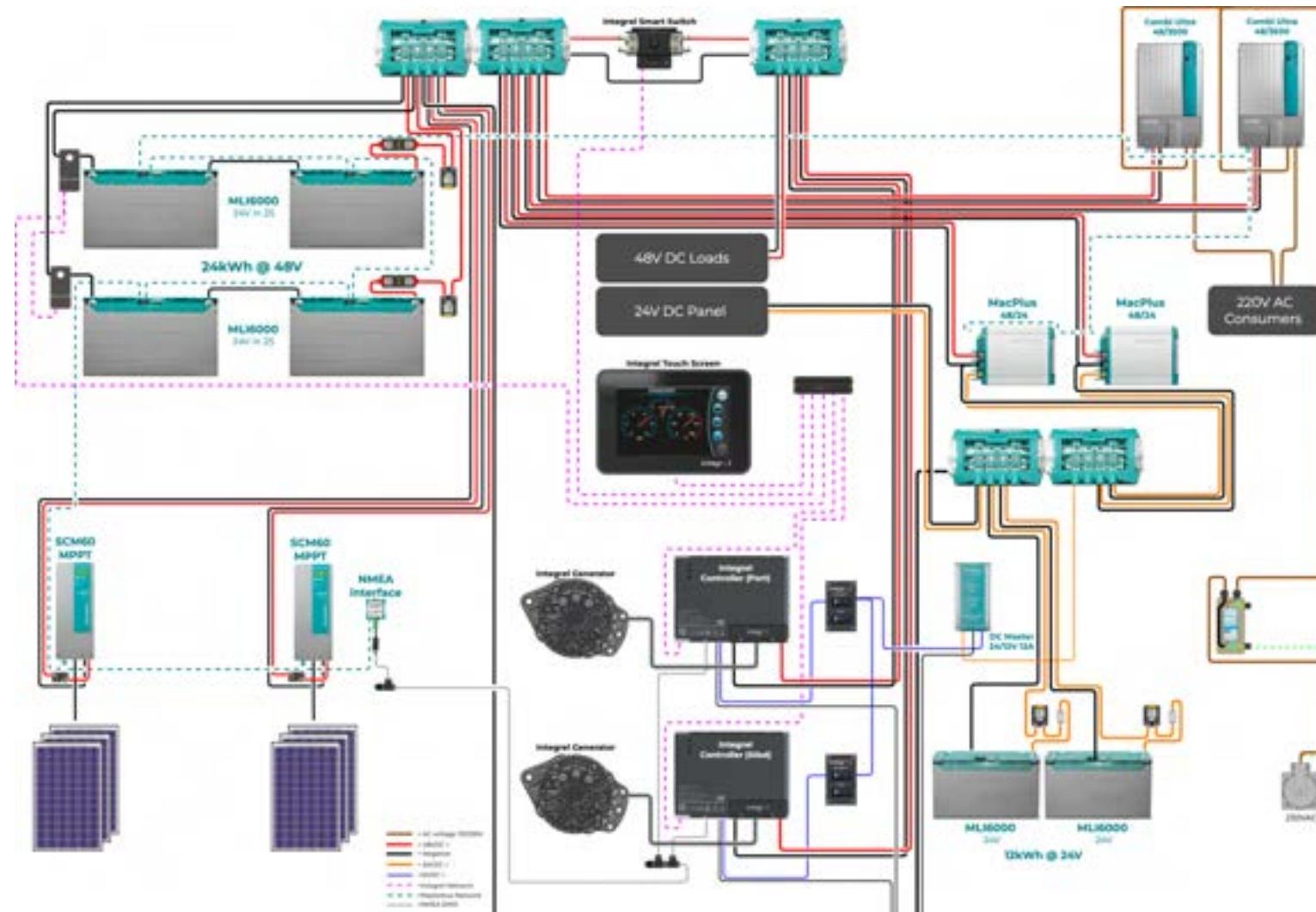
We also offer support training, adding your team to our network of approved installers with the added confidence that advice is readily available if required.



# FATHOM<sup>®</sup>

## 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

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