

ENTER

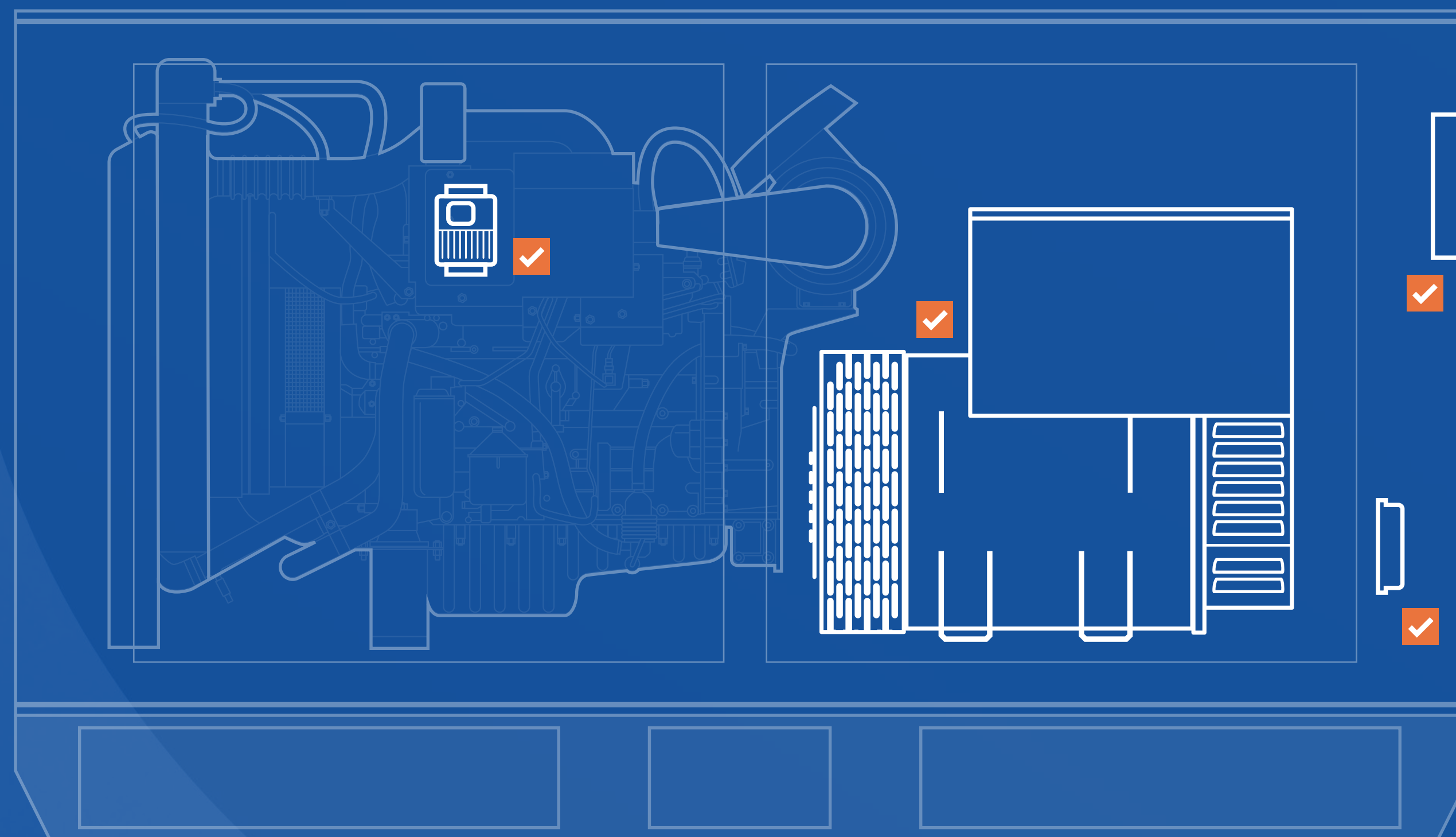
THE EASY ZONE.



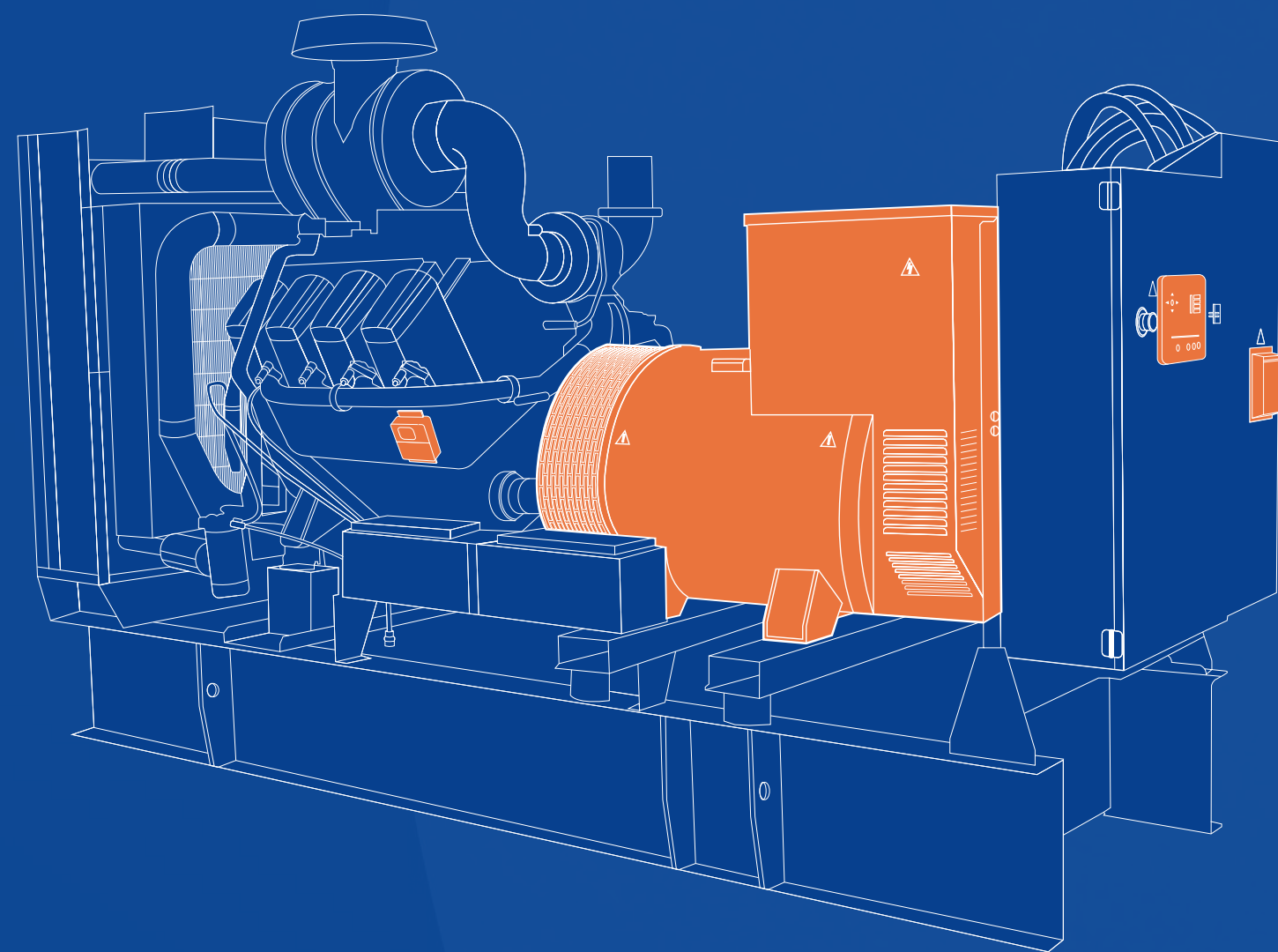
All the kit you need.
All in one place.
All in one box.

- ✓ Alternator
- ✓ Battery Charger
- ✓ Controller
- ✓ Governor (Actuator)

POWER FROM WITHIN



THE ONE.



BACK

NEXT

mecc alte

ALL THE KIT YOU NEED. ALL IN ONE PLACE. ALL IN ONE BOX.

We've taken the hard work out of complex sourcing for alternator, battery and controller components for your hybrid or industrial gensets.

You get high grade, precision-engineered, smart components that are proven worldwide with access to smart link integration through a single-source with TheOne.

Instead of juggling different suppliers, multiple lead times and processing tons of paperwork, TheOne from Mecc Alte gets it all done in one easy order.

All of which makes it easier for you to innovate, create new opportunities, and bring product to market more quickly.

Whatever you're looking for, Mecc Alte has TheOne you need.

THE ONE WAY TO MAKE LIFE EASIER.

One order for all the kit you need to
bring your design to life.

Choose TheOne solution that suits your needs, including
alternator, battery, and controller components, as well as
one hour's free design consultation with Mecc Alte.

BACK

A blue-tinted photograph of an industrial manufacturing facility, showing conveyor belts and machinery.

ENTER THE
INDUSTRIAL
ONE.

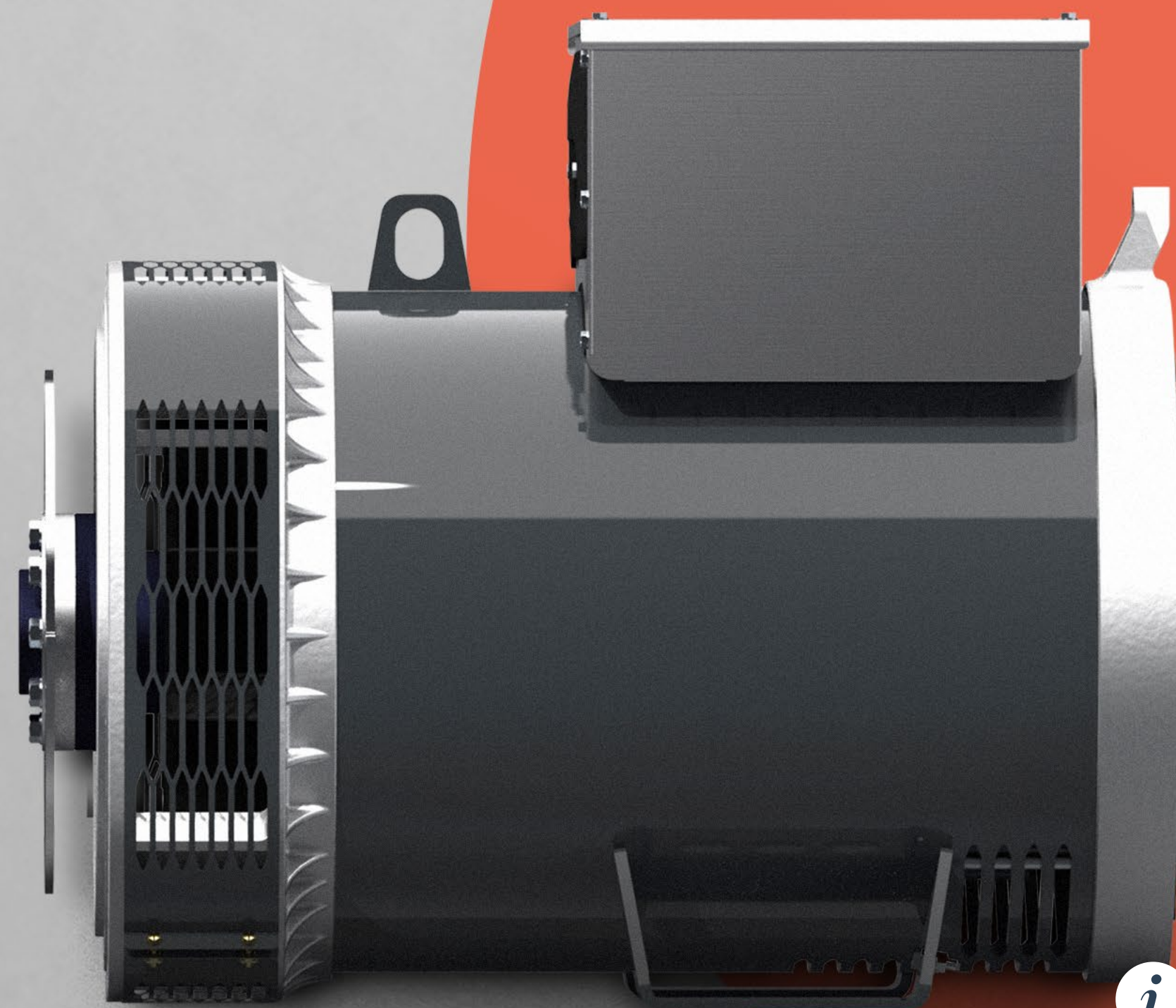
A blue-tinted photograph of a wind turbine, showing the blades and the tower.

ENTER THE
HYBRID
ONE.

THE INDUSTRIAL ONE.

BACK

meccalte



- ✓ Industrial 4P Alternator
- ✓ GC315 or GC400 Controller
- ✓ Battery Charger

- + ONE free training session
- + Digital AVR

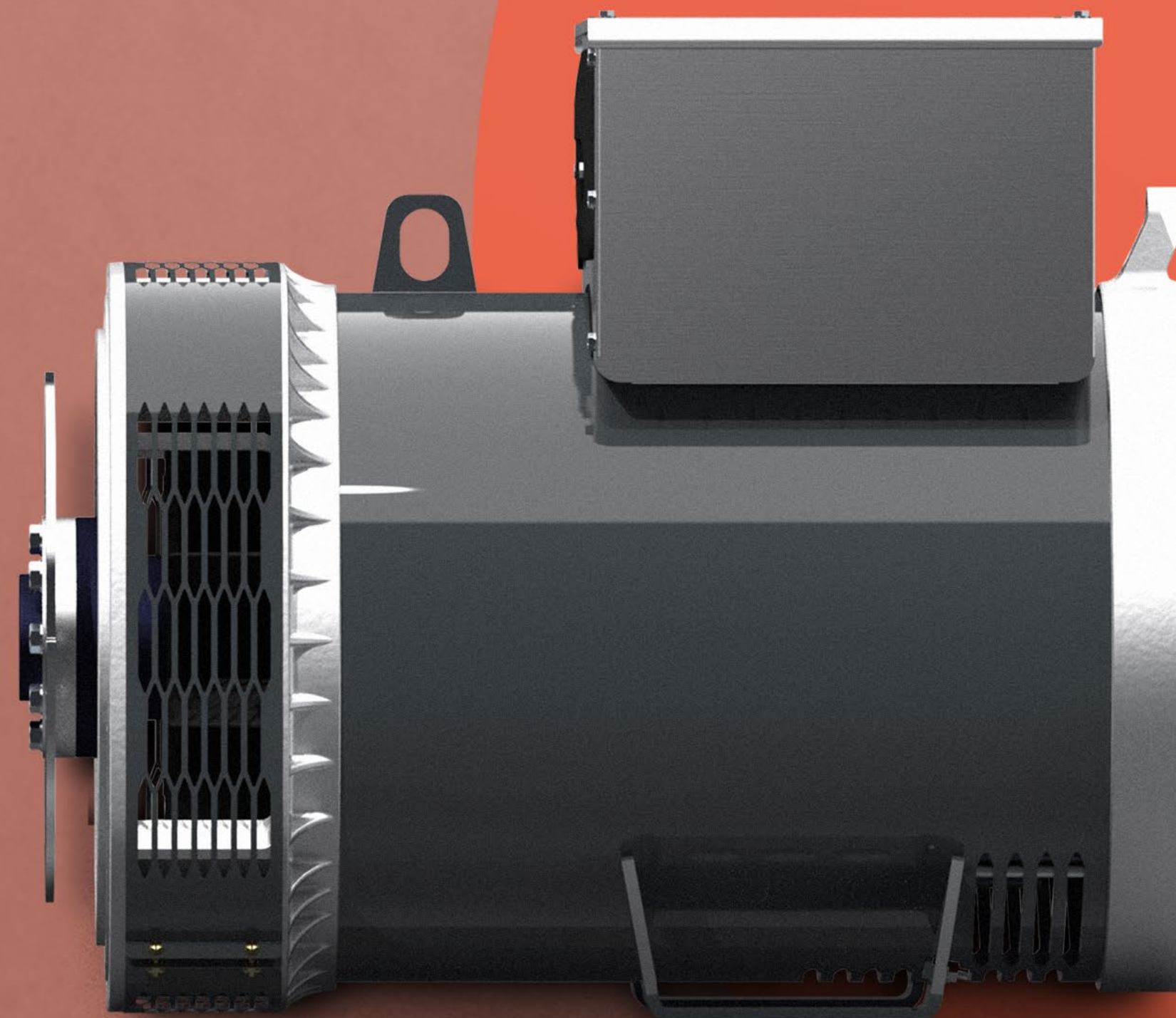


THE INDUSTRIAL ONE.

 **DIGITAL GENERATION**

BACK


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INDUSTRIAL 4P ALTERNATOR

With our IndustrialONE solution, you get a choice of 4-pole alternators from our reliable, high quality range of options that are all proven in practice in lots of different climates and applications worldwide. You also get a high output to weight ratio, class H insulation, really easy servicing access, superb voltage accuracy, and digital regulation. All as standard.

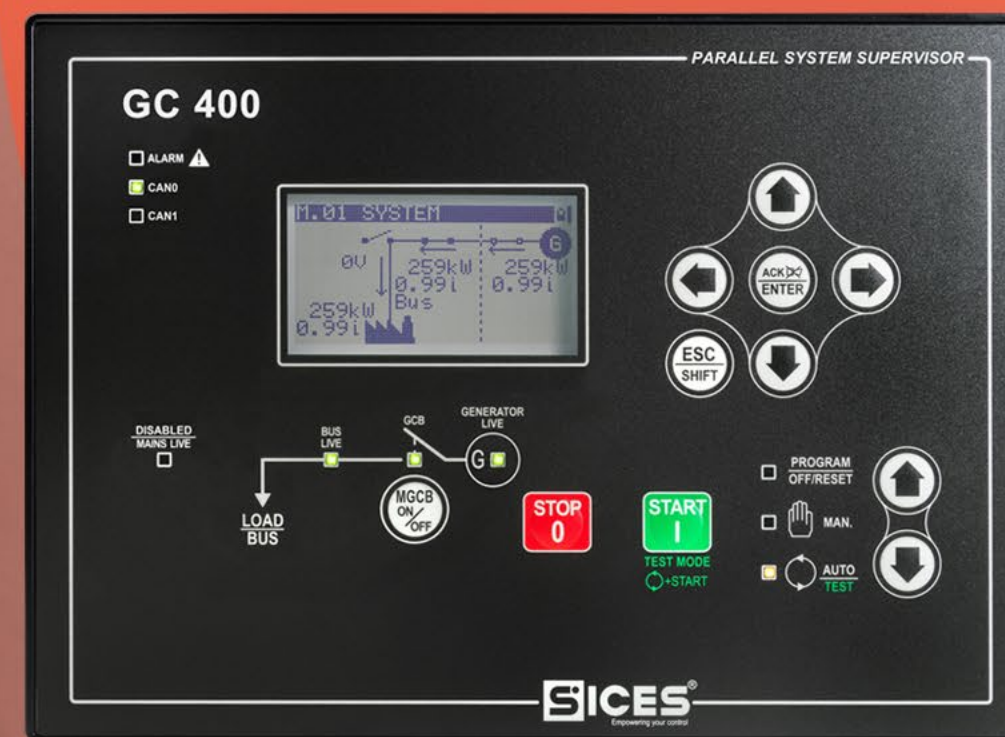
- MAUX auxiliary winding as standard. That means 300% motor starting capacity for 20 seconds.
- Compliance with international standards, including EN 60034-1, IEC 60034-1, ISO 8528-3 and NEMA MG 1-2011.
- Models that range from 1-phase to 3-phase, 50-60Hz, and from 4.6kVA to 5604kVA.
- Simple, easy ordering, complete with controller and battery charger as part of The IndustrialONE solution.

CONTACT

THE INDUSTRIAL ONE.

BACK

meccalte



GC315 AND GC400 CONTROLLERS

Which one is best for your application? The GC315 is an Automatic Mains Failure genset microcontroller, perfect for all ATS + AMF genset applications, while the GC400 is ideal for synchro/parallel applications. Whichever one you need, it's all included in the IndustrialONE easy ordering solution.

- User-friendly graphic display, showing metrics and alarms coming from the genset.
- Events and DTC logs can be accessed from the front panel and read on the display.

CONTACT

THE INDUSTRIAL ONE.

BACK

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BATTERY CHARGER

Intuitive battery charge systems for better accuracy and easy integration. Designed and manufactured in the UK, with a focus on quality and long lasting performance; our range of battery chargers includes a variety of currents in either 12V or 24V systems so you can choose the perfect model for your application.

- uCharge: The latest high efficiency switch-mode technology and micro-processor control. 12V/6A or 24V/3A models available.
- sCharge: Multi-stage charging to provide accurate and efficient battery charging. 12V/10A or 24V/5A models available.
- iCharge: Intelligent charging ideal for standalone systems or integrated into larger power systems. 24V/10A model available.

CONTACT

THE HYBRID ONE.

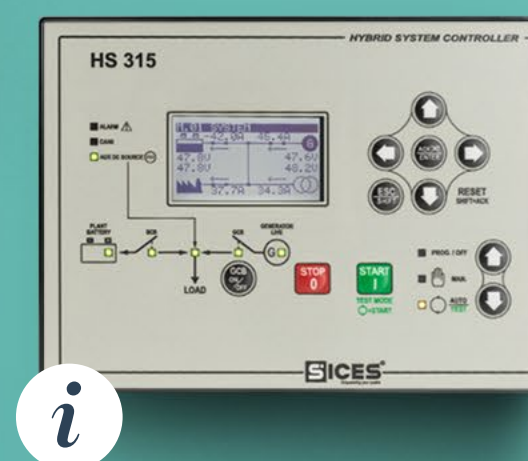


- ✓ PMG Alternator
- ✓ HS315 Controller
- ✓ Battery Charger
- ✓ Governor / Actuator

+ ONE free hour design consultation

BACK

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THE HYBRID ONE.



HYBRID PMG ALTERNATOR

Compared to traditional AC alternator systems, a Permanent Magnet Generator delivers considerable benefits in hybrid applications. Physical benefits include reduced weight and length, which - coupled with electronic benefits - ensure maximised efficiency for the complete power system.

- Inbuilt EMC filter which works in a system with a single phase inverter.
- Harmonic distortion is very low at <2% giving superior waveform, guaranteeing the safe operation of modern sensitive electronic equipment.
- Increased power density thanks to inverter technology where traditional excitation winding systems are replaced and the stator is central with an external rotor.

[BACK](#)

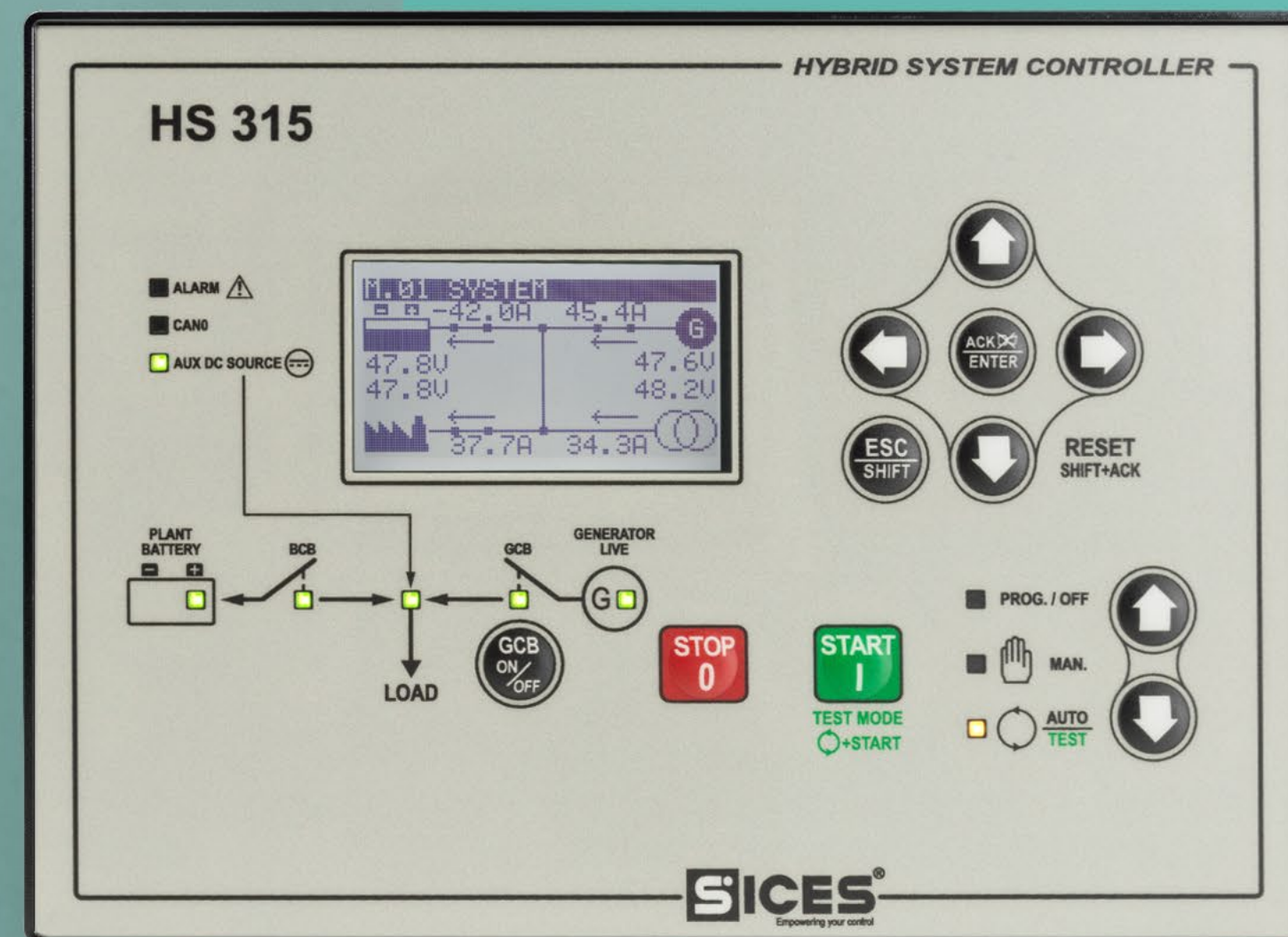


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THE HYBRID ONE.

[BACK](#)

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HS315 CONTROLLER

HS315 minimises generator run time and optimises both fuel consumption and running hours. This hybrid controller features whole site voltages and currents monitoring with the ability to communicate with smart batteries. HS315 has been designed to control DC generator and is able to monitor load and battery levels, as well as manage the automatic stop/start of the genset.

- The standing control of the battery, and its charging process, ensures the battery long lasting, reducing fuel consumption and service/maintenance on the engine.
- The in-built BMS provides information such as charge level and remaining supply time estimation, allowing manual control of the system.

[CONTACT](#)

THE HYBRID ONE.

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BATTERY CHARGER

Intuitive battery charge systems for better accuracy and easy integration. Designed and manufactured in the UK, with a focus on quality and long lasting performance; our range of battery chargers includes a variety of currents in either 12V or 24V systems so you can choose the perfect model for your application.

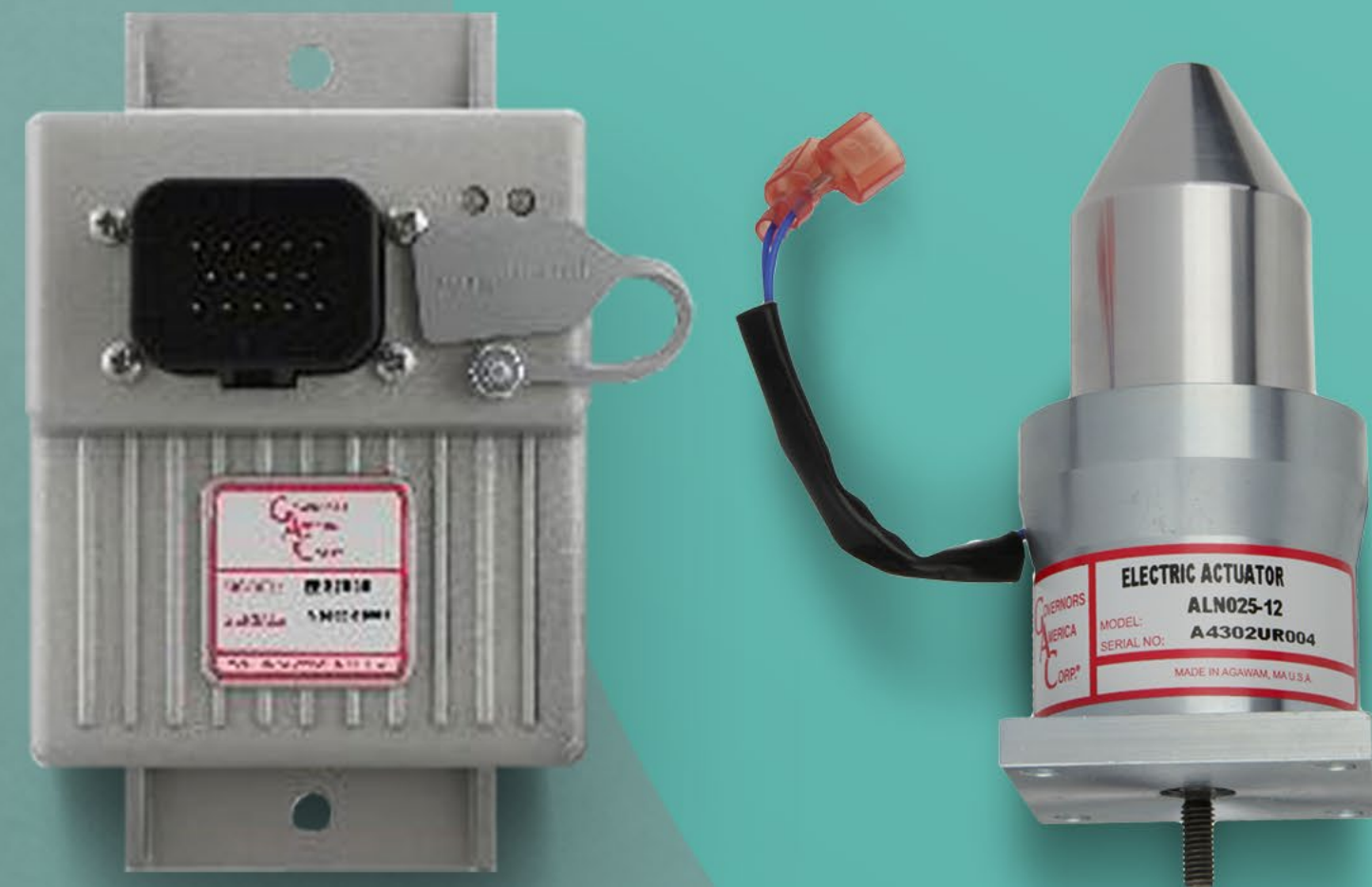
- uCharge: The latest high efficiency switch-mode technology and micro-processor control. 12V/6A or 24V/3A models available.
- sCharge: Multi-stage charging to provide accurate and efficient battery charging. 12V/10A or 24V/5A models available.
- iCharge: Intelligent charging ideal for standalone systems or integrated into larger power systems. 24V/10A model available.

CONTACT

THE HYBRID ONE.

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GOVERNOR / ACTUATOR

Mecc Alte can provide engine governing and system controls to a worldwide list of equipment manufacturers and power providers. From isochronous governors and fuel controls to sophisticated multi-engine load sharing/power control systems, variable speed integrated control AC and DC hybrid, Mecc Alte has innovative connected solutions. With full access to Governors America Corp product lines (GAC) we offer consultative and practical solutions for custom applications with complete design, development, production and marketing capabilities. A great number of control solutions pre-exist for all popular engines. These GAC products are sold and supported by our established worldwide network of representatives and distributors.

- Enhanced systems over standard OEM supply
- Integrated analog/CAN connectivity
- Actuators for variable speed (AC or DC hybrid)
- Linear, rotary, direct fuel pump; torque to suit the engine architecture

CONTACT

WORLD BEATING DIGITAL GENERATION TECHNOLOGY

All Mecc Alte Industrial alternators are fitted with digital system upgrades as standard.

WHY GO DIGITAL?

- Technically more advanced digital AVR's offer greater precision, performance insight and alarm capabilities.
- Guaranteed performance and accurate voltage setting to power engine efficiency.
- Instant access and real time data via a smartphone App.
- Monitor analytics and performance data to diagnose faults quickly and more accurately.
- Safer maintenance procedures for on-site technicians through the smartphone App.

M2K

M2K^S

M3K

M3K^{HD}

M3K^{SHD}

APP LINK
CONNECTIVITY



DIGITAL GENERATION



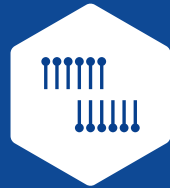
DIGITAL AVR

Intelligent digital voltage regulation system



POWER BOOST SYSTEM

MAUX - +300% 20 second auxiliary system



12 WIRE

Allowing the maximum flexibility with multiple voltage options



SELF SETTING STABILITY

Auto tuning stability, automatically adjusting to application requirement



CUSTOMISABLE SOFT START

Slow build-up line voltage settings



LAMS

Load Acceptance Module System to control engine demand

BACK

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