



GENERATORS CONTROL SOLUTIONS



Innovation

for
better

control





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MODULES

BASIC UNITS

CRE TECHNOLOGY offers 3 basic microprocessor modules 72 x 72 for generator control. These modules display all information on leds. 10A relay outputs.

- **MDM:** Manual start control unit with keyswitch
- **MDA:** Auto start control unit with keyswitch.
- **MNS:** Auto transfer switch control unit with 3 phases mains voltage detection
- Voltage input: 15 to 300V_{ac}
- Nominal Frequency: 50-60 Hz



MDM MODULE
FRONT FACE KEYSWITCH



MDA MODULE
FRONT FACE KEYSWITCH



MNS MODULE
REAR FACE

AMF COMPACT

The **AMF COMPACT** is dedicated to a large variety of standby diesel or gas gensets, offering an automatic management of transfer switch on mains failure, as well as monitoring, control and protection of engine, alternator and mains.

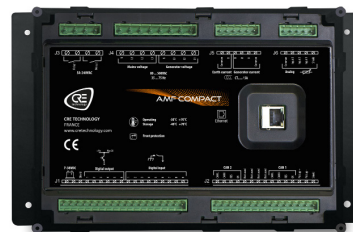
- Alternative or consecutive multiple starter management,
- Warmup & Cool down at idle or nominal speed,
- Remote start and test mode available ON/OFF load,
- Programming capabilities with **EasyFlex**.

The **AMF COMPACT** can manage one ATS or two breakers. The breakers position can be connected (with breakers failure management) or not.

The **AMF COMPACT** is available in both switchboard panel mounted version with display, or core base mounted version.

The **AMF COMPACT** is configurable from its front panel display, remote touchscreen, or through our i4Gen Suite PC software.

The **AMF COMPACT** can be used in Auto Start Mode without transfer switch management.



CORE BASE DIN RAIL-MOUNTED VERSION



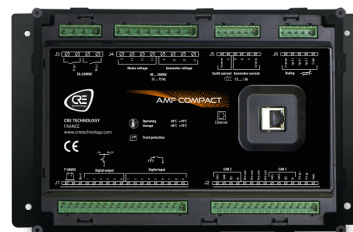
SWITCHBOARD MOUNTED VERSION WITH DISPLAY

I4GEN & AMF COMPACT CORE

The **i4Gen** is a range of multi-touch screen color display develop for harsh environment and industrial areas providing access to all controller's data for control, measurement and configuration.

Thanks to a **ZOHO Assist** application (available for PC or mobile phone) it is possible to access remotely to the **i4Gen** for support, remote control and monitoring. (A remote access with up to 3000 **i4Gen** units). Emails sending on configurable events: 10 different emails addresses are available.

The **AMF COMPACT CORE** is a core base mounted all in one controller, compatible with **i4Gen** touchscreen color display.



CORE BASE DIN RAIL-MOUNTED VERSION



I4GEN NEW TOUCH SCREEN AND COLOR HMI

ACGEN 2.0 & ICGEN2.0

CRE TECHNOLOGY offers two additional modules for generator control. These modules can be fully programmed either by the front face or either with a PC software free of charge.

ACGEN 2.0: Auto start controller with remote start/stop

- Manual and Automatic start feature, J1939 CANbus communication port
- Generator breaker management, electrical and mechanical protections of the generator

ICGEN 2.0: Auto transfer switch controller

- 3 phases Mains fault detection, generator and mains breaker management
- Electrical protections of the generator and the mains



ACGEN 2.0 MODULE



ICGEN 2.0 MODULE



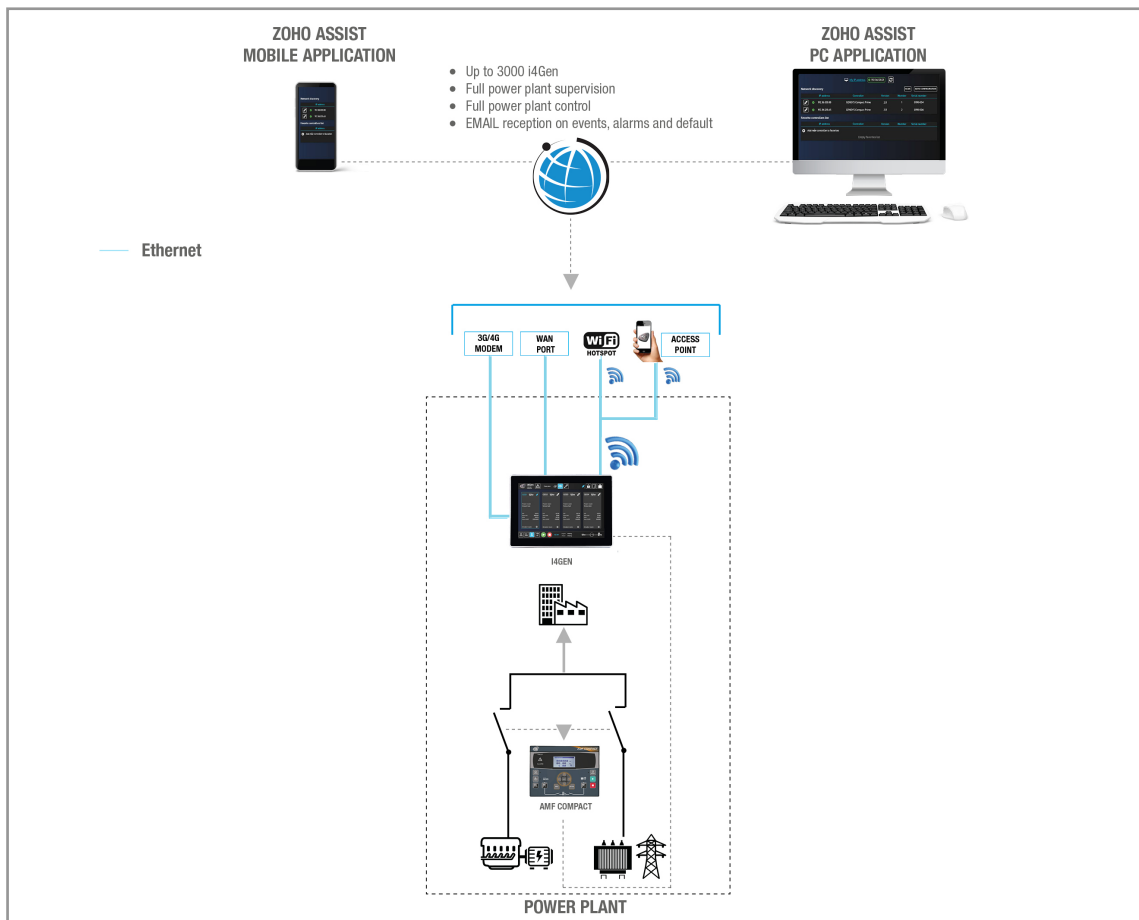
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REMOTE DISPLAY & CONTROL

Discover our brand new remote functions for the management and configuration of your power plants with **AMF COMPACT**.

- **An embedded WIFI communication fully configurable:** Allows connection to any WIFI spot available or Access point mobile phone for remote CONTROL AND SUPERVISION through i4Gen touch screen.
- **3G/4G modem and WAN port**
- **Emails sending on configurable events:** 10 different emails addresses are available. Events could be alarms or faults or events (Start/Stop, breaker closure, manual mode...)
- **A remote access with PC or mobile phone with up to 3000 i4Gen units:** The remote Access is powered by ZOH0 Assist application available for PC or mobile phone (Iphone & Android). The same ZOH0 Assist account can access up to 3000 i4Gen modules. The number of technicians who can access the account is unlimited.



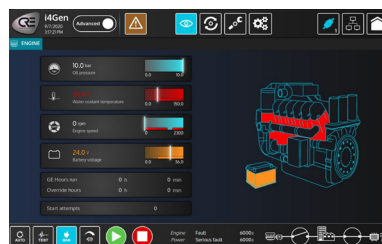
PC SOFTWARE AND PROGRAMMING

I4GEN SUITE

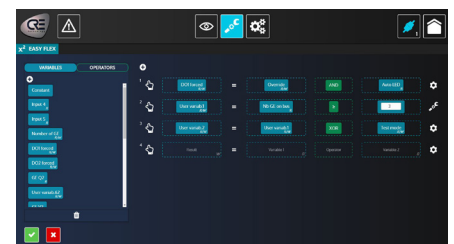
Supervision and Configuration software

CRE TECHNOLOGY developed a new PC software which allows you to connect to multiple COMPACT platform like the **AMF COMPACT**. This user-friendly software allows you to control, configure and monitor your power plant in real time. You will then have access to the software interface, which is composed of three parts:

- Supervision mode, Settings mode, Application settings mode
- Automatic firmware update for both i4Gen Suite and controller. Visit our website to get the firmware, free of charge



I4GEN VISUALIZATION



EASYFLEX®





EXPERT IN GENERATOR SOLUTION



www.cretechnology.com

GENERATOR CONTROL RANGE_EN_C2020