ELECTRONIL®

CONTROLLERS

We are nearly 30 years in the Egyptian markets, and only getting better. For the last two decades, we have engineered and shaped the future, redefining what power means to people`s lives, careers and lifestyles.

POWER IS W

WHY ELECTRONIL!

We are a group of fearless thinkers, driven to empower people all over the nation – with reliable, revolutionary generators, power systems and power solutions.

We exist for one reason: **to move you forward.**

لدينا ما يقرب من ٣٠ عاماً من الخبرة في الأسواق المصرية، ونعمل في تقدم دائم. على مدار العقدين الزمنيين الماضيين، قمنا بتصميم وصياغة المستقبل، وإعادة صياغة المعنى الحقيقي للطاقة الكهربية لحياة عملائنا وأعمالهم وأنماط حياتهم.

CE 1995 WHAT WE DO

لماذا تختار منتجات إلكترونيل!

نحن مجموعة من المفكرين لا يخافون الإبتكار، مدفوعون بشغف تمكين عملائنا في جميع أنحاء البلاد - بمحطات توليد طاقة إعتمادية وموثوقة، بالإضافة إلى أنظمة وحلول متكاملة للطاقة.

نعمل بجهد لسبب واحد: **للحفاظ على تقدمكم.**

OUR STORY

A Magnificent force in power solutions since 1995, ELECTRONIL™ POWER SOLUTIONS is committed to reliable, intelligent products, advanced engineering and responsive after-sale support.

Over the years, we have amplified our well-known reputation to be a leader known for its premium range of generator-sets and control systems. Together, with building on the legacy of a leading brand, to create one of the largest generator-set and control systems providers in Egypt—and continued an unwavering focus on reliable power systems and innovation.

We deliver integrated industrial power systems for emergency, prime and continuous applications throughout whole Egypt—from data centers and hospitals to water treatment and hospitality facilities. With a deep understanding of your industry, we excel in designing customized power systems that simplify your most complex challenges.

من نحن

تُعد شركة إلكترونيل لحلول الطاقة المتكاملة قوة رائدة في مجالات حلول الطاقة الكهربية منذ عام ١٩٩٥، ومنذ ذلك الحين ونحن نلتزم بإمداد عملائنا بمنتجات موثوقة وذكية ومتطورة هندسياً بالإضافة إلى دعم سريع الاستجابة لخدمة ما بعد البيع والصيانة.

على مر الأعوام، ضاعفنا من سمعتنا المعروفة لكوننا من أكبر الكيانات الرائدة والمعروفة بمنتجاتها المتميزة من وحدات توليد الطاقة الكهربية وأنظمة التحكم والحماية والتشغيل. بالإضافة إلى، واستنادًا إلى إرث علامة تجارية رائدة، قمنا بانشاء واحد من أكبر مزودي الأسواق المصرية بأنظمة الطاقة المتكاملة وأنظمة تحكم وتشغيل وحماية إعتمادية وموثوقة على مستوى جمهورية مصر العربية - واستمر التركيز المستمر على إبتكار أنظمة طاقة متكاملة وموثوقة.

نقوم بتقديم أنظمة توليد طاقة صناعية متكاملة لتطبيقات الطوارئ والمحطات الرئيسية والطاقة المستمرة في جميع أنحاء جمهورية مصر العربية - من مراكز المعلومات والمستشفيات إلى محطات معالجة مياه الشرب والصرف الصحي والفنادق. بدراسة وفهم عميق لمجال عملك، نتميز في تصميم أنظمة طاقة متكاملة ومتخصصة والتي تعمل على تبسيط التحديات الأكثر تعقيدًا التي يمكن أن تقابلك.

TOTAL SYSTEM INTEGRATION

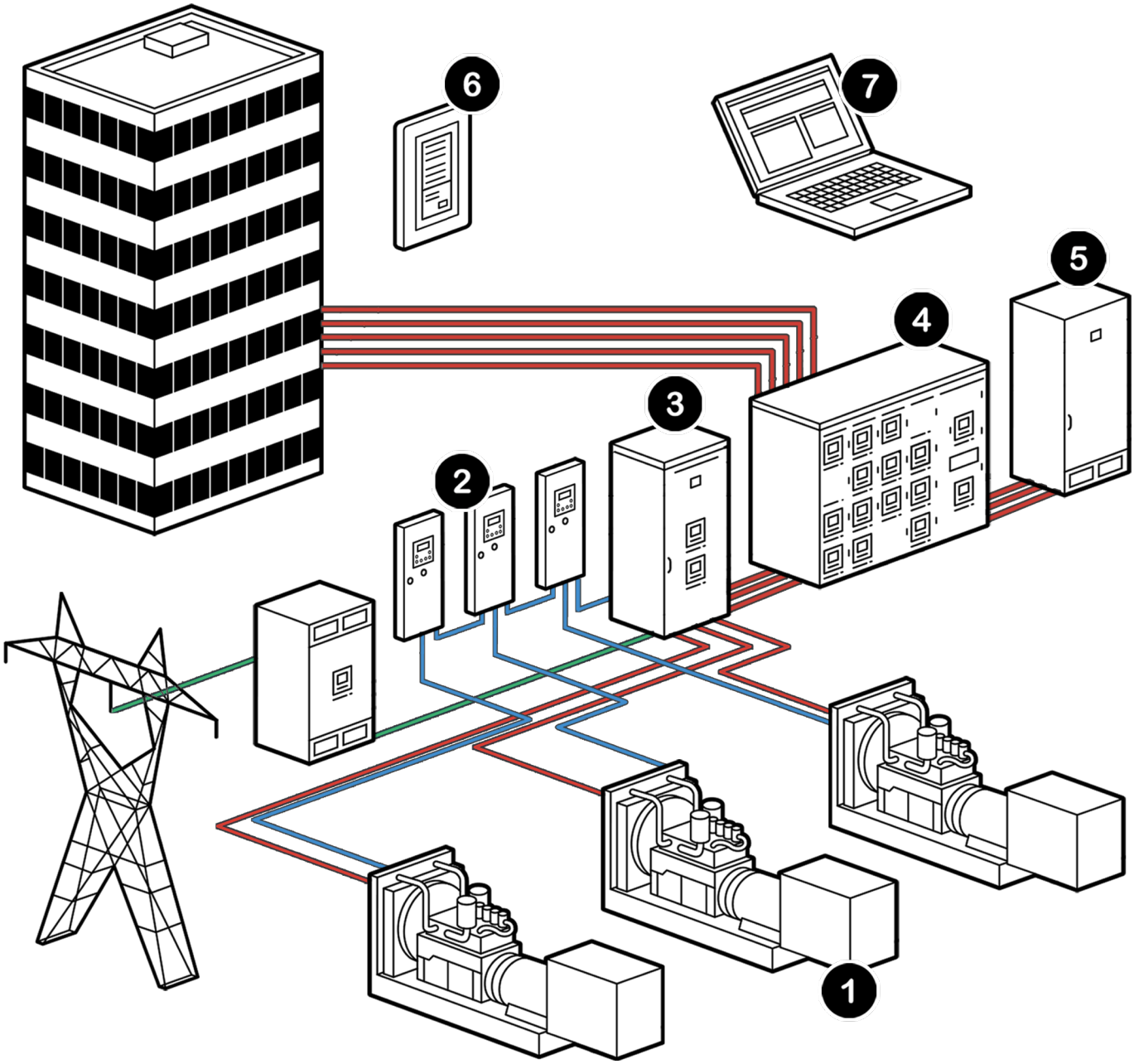
Everything works together, Just as it should.

A Power System is only as good as the parts that define it. That`s why we engineer every detail down to the last bolt. From generators and power transfer switches to paralleling systems and switchgear and controllers, everything works together seamlessly. Because we design, engineer and test it that way.

That`s the **ELECTRONIL** difference.

Good news: There is more, behind that power system, there is a team of dedicated engineers that focuses on every element-generators, power transfer switches, switchgears and control systems-to be sure that the system you get is the system you need. You will know that your project is supported by an expert team, customized to your exact needs, brought in on budget and on time.

From spec to start-up to service, we do it all.



TOTAL SYSTEM INTEGRATION

1 ED™ SERIES DIESEL GENERATOR SETS
Powered by Perkins, Volvo-Penta, Cummins or Baudouin Diesel Engines, 9 - 3000 kVA

2 ENCP™ 9.1 GENERATORS PARALLELING SYSTEM
2-32 generator set can be paralleled with automatic power management and automatic engine run-hour balancing.

3 ENCP™ 9.3/ENCP™ 6.x POWER TRANSFER SWITCH
Dedicated for parallel control systems, standard, bypass-isolation and service-entrance switch configurations.

4 ELECTRONIL™ POWER DISTRIBUTION PANEL
Up to 6000 Amps.

5 ELECTRONIL™ POWER FACTOR CORRECTION SYSTEMS
Up to 15 steps.

6 REMOTE ANNUNCIATOR
Optional remote system monitoring.

7 MONITORING SOFTWARE
Monitors generators and control systems from a PC and Smart Phones (Optional) Modbus or Ethernet.

ELECTRONIL CONTROLLERS

The Smart Choice in Backup Power.

Controllers are the brains of a power system. They continuously monitor and manage operating conditions to ensure the reliability, flexibility and performance of the equipment as well as protect it from damage. We design and manufacture every detail of all ENCP™ Series Controllers to ensure dependability, ease-of-use, safety and seamless integration with the rest of our equipment.

Our power equipment is used in a wide variety of applications, each of which places unique demands and challenges on its power systems, so we design our controllers to be extremely versatile and customizable.

Each one features programmable I/O modules to support customization and is designed to communicate and interoperate with these advanced building management systems (BMS).

ENCP™ GENSET ENCP™ ATS ENCP™ AMF ENCP™ SYNC

CONTROLLERS

Available to support either single generator or parallel operation, our generator controllers are easy to operate and provide dependable engine and alternator control, operating information and system diagnostics.

GENSET CONTROLLERS

- ENCP™ 3 Series | single genset controller with remote start functionality.
- ENCP™ 7 Series | single genset controller with automatic mains failure functionality.
- ENCP™ 9 Series | single/multiple genset controllers with synchronizing and load sharing functionality.

POWER TRANSFER SWITCH CONTROLLERS

- ENCP™ 6 Series | Automatic transfer switch controllers communicate with the generator controllers to bridge the gap from utility to standby power, and back again, ensuring a smooth, seamless transition and minimal disruption.

HUMAN MACHINE INTERFACE

- ENCP™ iX | 2-3 genset paralleling control system with load sharing functionality.
- ENCP™ X | up to 20 genset paralleling control system with load sharing functionality.

Paralleling Switchgear Controllers

Each ELECTRONIL™ Paralleling Switchgear Solution is developed to meet your specific needs, and the controls are programmed to your exact specifications. ELECTRONIL™ Deploys fault-tolerant programming and provides an intuitive user interface with real-time system information to enable better operational decisions.

CONTROLLER TERMINOLOGY

Advanced Technology Made Simple.

Generator power systems, and controllers specifically, involve highly complex interactions between mechanical, electrical and electronic systems. As you evaluate your needs and consider your options, use this glossary of useful terms to enhance your controllers research.

POWER MANAGEMENT

Power Management optimizes the number of online generators based on the load's kW demand, starting and stopping them as required. Generators are sequenced on in order of operator-assigned priority (or based on runtime) and taken off in reverse priority. custom-defined setpoints determine the load level percentage at which the genset will be brought on or taken offline.

LOAD MANAGEMENT

Load management allows you to prioritize loads and remove noncritical loads when the power supply becomes unable to support the entire demand. If the load is low, 'dummy loads' (typically resistive load banks) are introduced to ensure the engine is not too lightly loaded. Conversely, as the load increases towards the maximum rating of the set, non-essential loads are shed to prevent overload of the generator.

SMS CONTROL

The SMS Control feature allows the user to send control commands to the module via SMS message.

PROGRAMMABLE I/O

Every job is unique and using a controller that allows for customization to support your needs is critical. Controllers offer programmable inputs and outputs to help with the customization.

Inputs are external signals the controller receives from various connected monitoring and management systems, which the controller can then process and respond to, based on its programming. Likewise, outputs are information about the generator and/or automatic transfer switch operating conditions that the controller provides to external systems.

- Analog Inputs and Outputs: These are typically used for sensors that show varying amounts of a given metric, such as fuel level in a diesel tank. Analog inputs and outputs identify a system state within a range of values, typically from 0% to 100%.
- Digital Inputs and Outputs: These are used for sensors that show a high or low state, such as an alarm, which is either active or inactive. As an example, a power system can be programmed to trigger a remote shutdown when an input reports a high state.

DUMMY LOAD CONTROL

The Dummy Load Control feature allows for a maximum of five dummy load steps. When the set is first started, all configured Dummy Load Control outputs are de-energized. Once the generator is placed onto load, the generator loading is monitored by the Dummy Load Control scheme.

If the generator loading falls below the Dummy Load Control Trip setting (kW), the Dummy Load Control Trip Delay begins. If the generator loading remains at this low level for the duration of the timer, the first Dummy Load Control output is energized. This is used to energies external circuits to switch in a resistive load bank.

The first dummy load has increased the generator loading. Again, the generator loading is monitored. This continues until all configured Dummy Load Control outputs are energized.

When the generator loading rises above the Dummy Load Return level, the Dummy Load Return Delay begins. If the generator loading remains at these levels after the completion of the timer, the 'highest' active Dummy Load Control output is de-energized. This continues until all Dummy Load Control outputs have been de-energized.

When the generator enters a stopping sequence for any reason, all the Dummy Load Control outputs de-energies at the same time as the generator load switch is signaled to open.

LOAD SHEDDING CONTROL

The Load Shedding Control feature allows for a maximum of five load shedding steps. When the generator is about to take load, the configured number of Load Shedding Control Outputs at Start will energies. This allows certain none-essential loads to be removed prior to the generator's load switch being closed. This is used to ensure the initial loading of the generator is kept to a minimum, below the Load Acceptance specification of the generator.

The generator is then placed on load. The Load Shedding Control scheme begins.

When the generator loading exceeds the Load Shedding Trip level the Trip Delay timer will start.

If the generator loading is still high when the timer expires, the first Load shedding Control output energizes. When the generator loading been above the trip level for the duration of the timer the 'next' Load Shedding Control output energizes and so on until all Load Shedding Control outputs are energized.

When the generator loading falls below the Load Shedding Return level, the Return Delay Time starts. If the generator load remains below the Load Shedding Return level when the timer has expired, the 'highest' Load Shedding Control output de-energizes. This process continues until all outputs have been de-energized.

When the generator enters a stopping sequence for any reason, all the Load Shedding Control outputs de-energies at the same time as the generator load switch is signaled to open.

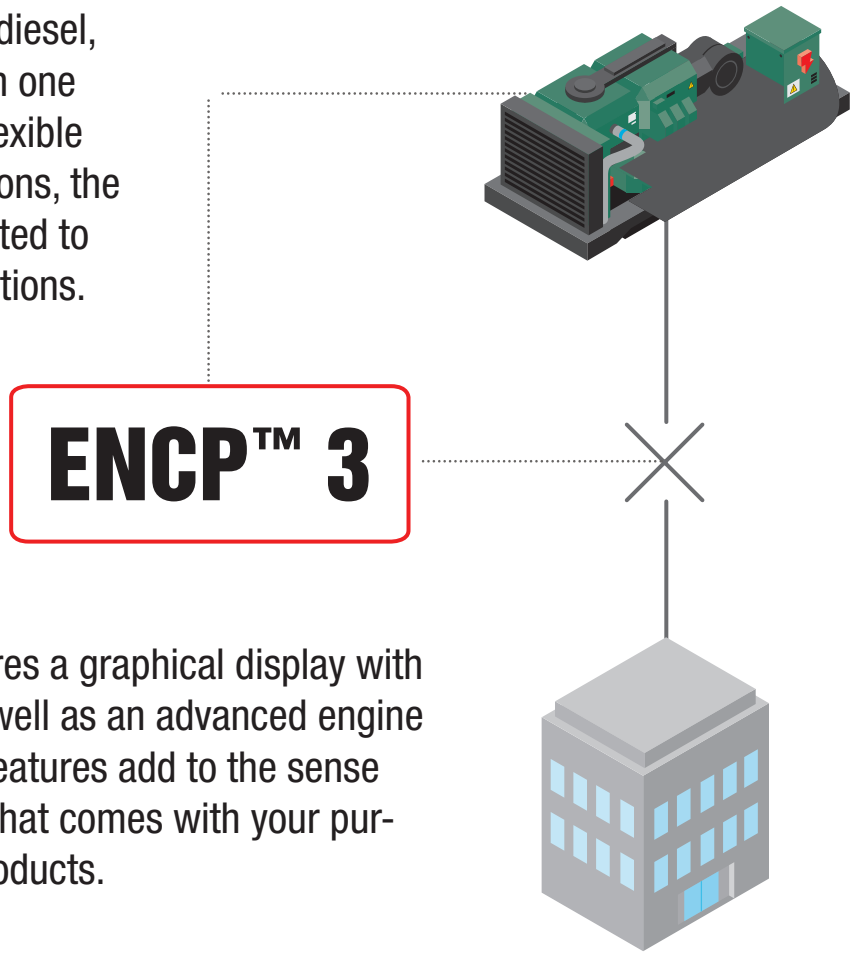
ENCP™ GENSET

AUTO START GENERATOR CONTROLLERS.

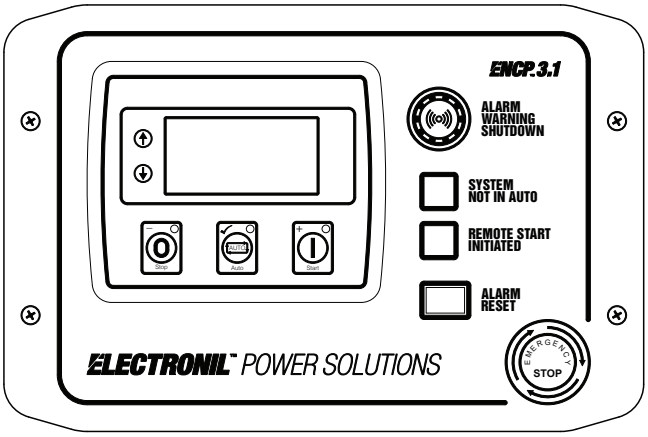
The ELECTRONIL™ CONTROL POINT, ENCP™ 3 Series combines engine and generator control and monitoring with a single, robust panel for quick key access to engine and generator controls, diagnostics, and operating information.

Monitoring engine speed, oil pressure, coolant temperature, frequency, voltage, current, power and fuel level, the systems give comprehensive engine and alternator protection. This is indicated on a large back-lit LCD text display via an array of warning, electrical trip and shutdown alarms in multiple languages.

Electronic J1939 (CAN) and non-electronic MPU and alternator sensing engine support for diesel, gas and petrol engines all in one variant. With a number of flexible inputs, outputs and protections, the systems can be easily adapted to suit a wide range of applications.



The ENCP™ 3 Series features a graphical display with an adjustable backlight as well as an advanced engine monitoring system. These features add to the sense of value and dependability that comes with your purchase of ELECTRONIL™ products.



ENCP 3.1™

PRODUCT HIGHLIGHTS

INPUTS/OUTPUTS

- (4) Configurable digital inputs
- (3) Configurable analogue / digital inputs
- (4) Configurable DC outputs
- Independent fuel and crank outputs

COMMUNICATIONS

- USB for PC configuration
- WebNet monitoring software compatible

ENGINE COMPATIBILITY

- CAN engine support (Tier 4F / Stage 5)
- Conventional engine support (Hz)

CONFIGURATION

- Configuration Suite PC software
- Front panel (PIN protected)

ADVANCED FEATURES

- 3-phase generator sensing
- Sophisticated alarms including water in fuel and tank bund
- 0-10 V & 4-20 mA oil pressure sensor support
- ECU periodic wake up for information retrieval
- Comprehensive engine and alternator protections
- Generator / load power & current monitoring and protection

The ENCP™ 3.1 Generator Control System is suitable for a wide variety of single gen-set applications.

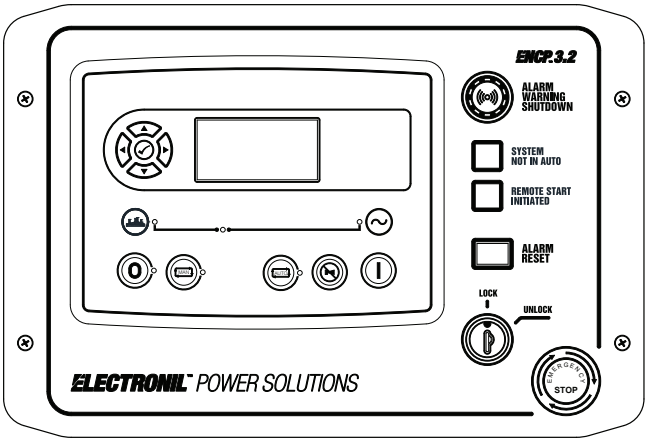
Whilst maintaining functions included within higher end controllers, such as generator or load power monitoring, the ENCP™ 3.1 is an especially compact controller provide the user with the ultimate size to feature ratio.

Monitoring engine speed, oil pressure, coolant temperature, frequency, voltage, current, power and fuel level, the systems will give comprehensive engine and alternator protection. This will be indicated on the largest back-lit LCD icon display in its class via an array of warning, electrical trip and shutdown alarms.

Electronic J1939 (CAN) and non-electronic (alternator frequency sensing) engine support for diesel, gas and petrol engines all in one variant. With a number of flexible inputs, outputs and protections, the system can be easily adapted to suit a wide range of applications.

Through USB Communication the system can be easily configured using the Configuration Suite PC Software or can be fully configured through the system's front panel editor.

- Some digital inputs, analogue inputs and Digital outputs might be used for the operator interface, Consult our Technical Support Team for the Exact Number of Free Inputs and Outputs.



ENCP 3.2™

PRODUCT HIGHLIGHTS

INPUTS/OUTPUTS

- (8) Configurable digital inputs
- (4) Configurable analogue / digital inputs
- (6) Configurable DC outputs
- Independent fuel and crank outputs

COMMUNICATIONS

- USB for PC configuration
- WebNet monitoring software compatible

ENGINE COMPATIBILITY

- CAN engine support (Tier 4F / Stage 5)
- Conventional engine support (MPU & Hz)

CONFIGURATION

- Configuration Suite PC software
- Front panel (PIN protected)

ADVANCED FEATURES

- PLC editor
- Generator current & power monitoring
- 0-10 V & 4-20 mA oil pressure sensor support
- Fuel level alarms
- 1 alternative configuration
- 3-phase generator sensing & protection
- 5-key menu navigation / front panel breaker control buttons
- Text based display

The ENCP™ 3.2 Generator Control System is suitable for a wide variety of single, diesel or gas, gen-set applications.

Monitoring an extensive number of engine parameters, the system will display warnings, shutdown and engine status information on the back-lit LCD screen, illuminated LEDs and remote PC.

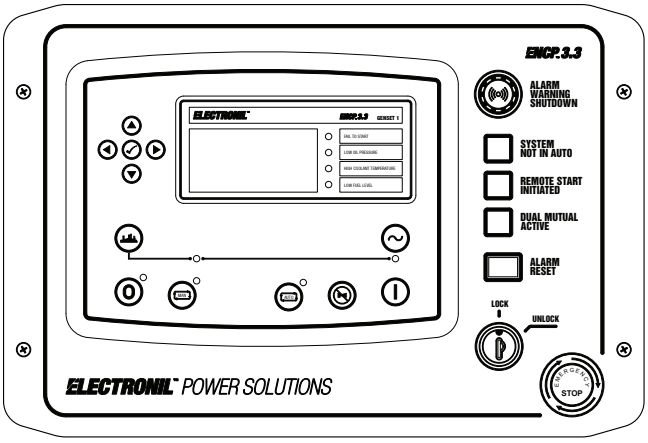
The ENCP™ 3.2 include USB connection and dedicated terminals for system expansion.

The ENCP™ 3.2 is compatible with electronic (CAN) and non-electronic (magnetic pick-up/ alternator sensing) engines and offer an extensive number of flexible inputs, outputs and extensive engine protections so the system can be easily adapted to meet the most demanding industry requirements.

The extensive list of features includes enhanced event and performance monitoring, remote communications & PLC functionality.

The system can be easily configured using the Configuration Suite PC software. Selected front panel editing is also available.

- Some digital inputs, analogue inputs and Digital outputs might be used for the operator interface, Consult our Technical Support Team for the Exact Number of Free Inputs and Outputs.



ENCP 3.3™

PRODUCT HIGHLIGHTS

INPUTS/OUTPUTS

- (8) Configurable digital inputs
- (6) Configurable analogue / digital inputs
- (6) Configurable DC outputs
- (2) Configurable volt-free outputs
- Independent fuel and start outputs

COMMUNICATIONS

- Simultaneous use of RS485 & RS232 ports
- MODBUS RTU
- USB for PC configuration
- SCADA software
- WebNet monitoring software compatible

ENGINE COMPATIBILITY

- Conventional engine support (MPU & Hz)
- CAN engine support (Tier 4F / Stage 5)

CONFIGURATION

- Configuration Suite PC software
- Configurable front panel (PIN protected)

ADVANCED FEATURES

- Supports 7 languages
- Advanced protections
- Oil pressure disconnect delay
- Configurable icon screens
- Charge alternator disable functionality
- Dedicated inputs for ECU specific operations
- Advanced PLC editor
- SMS alerts & control
- Dual mutual standby

The ENCP™ 3.3 Generator Control System is suitable for a wide variety of single, diesel or gas, gen-set applications.

Monitoring an extensive number of engine parameters, the system will display warnings, shutdown and engine status information on the back-lit LCD screen, illuminated LEDs, remote PC and via SMS text alerts (with external modem).

The ENCP™ 3.3 Include USB, RS232 and RS485 ports as well as dedicated terminals for system expansion.

The ENCP™ 3.3 is compatible with electronic (CAN) and non-electronic (magnetic pick-up/ alternator sensing) engines and offer an extensive number of flexible inputs, outputs and extensive engine protections so the system can be easily adapted to meet the most demanding industry requirements.

The extensive list of features includes enhanced event and performance monitoring, remote communications & PLC functionality.

Dual mutual standby is now available on the ENCP™ 3.3 Using RS232 or RS485 communications. This provides for a simpler and more convenient installation with more advanced features such as true engine hours balancing.

- Some digital inputs, analogue inputs and Digital outputs might be used for the operator interface, Consult our Technical Support Team for the Exact Number of Free Inputs and Outputs.

ENCP™ ATS

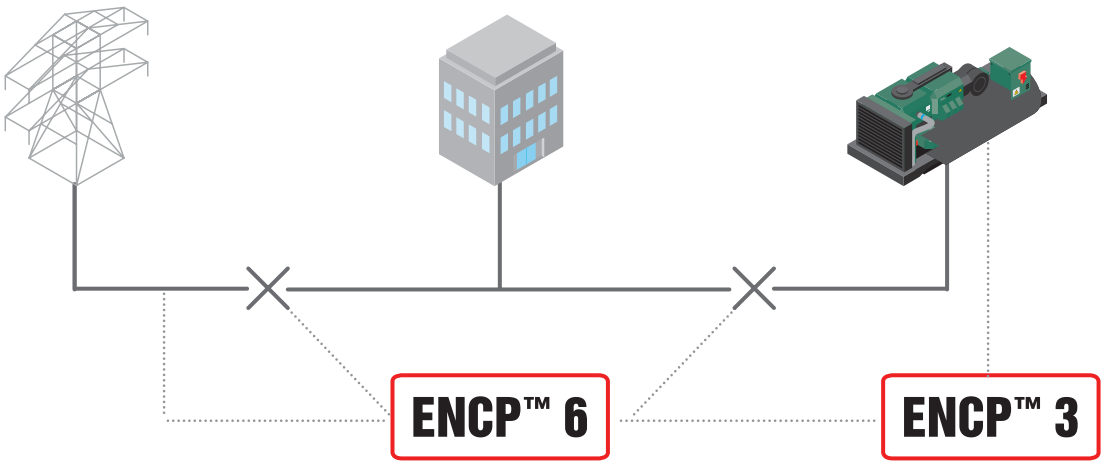
POWER TRANSFER SWITCH CONTROLLERS.

The ELECTRONIL™ CONTROL POINT, ENCP™ 6 Series Power Transfer Switches are designed for a variety of standby power applications. They provide flexibility, reliability and value in a compact package.

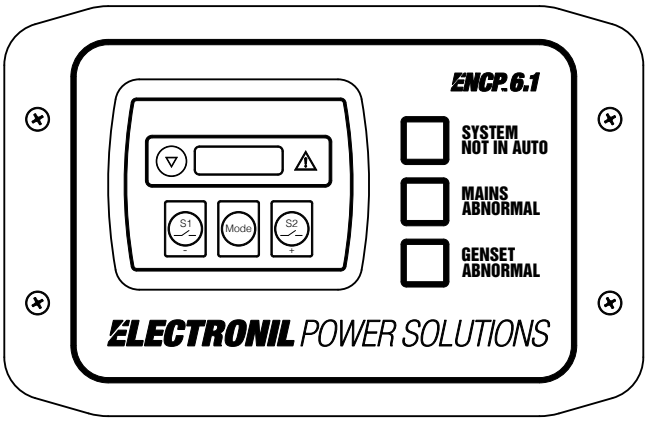
The open transition Power Transfer Switches will provide fully functioning transfer in applications where a momentary loss of power is acceptable on retransfer from emergency to normal power supply. The ENCP™ 6 Series Power Transfer Switches also permits periodic testing of the emergency source without interrupting power to the loads.

The closed transition Power Transfer Switches are designed to Meet application requirements where emergency backup power is required with no momentary loss of power by connecting/short time paralleling both sources before the transfer occurs. Closed transition also permits periodic testing of the emergency power source without interrupting power to the loads.

The Service Entrance Power Transfer Switches are designed to provide standby power emergency power to entire installation loads to protect against utility power interruption; yet allow the ATS to be as close as possible to the point of service entrance. By safely and in code compliance, integrating the necessary overcurrent protection and service disconnecting means into the power transfer switch, a single installation can be made at the service entrance. This design eliminates the need for a separate upstream fault protection and respective interconnections, which in turn reduces installation space, time, and cost. Circuit Breaker based Service Entrance Power Transfer Switches are available from 30A to 5000A.



ENCP 6.1™



PRODUCT HIGHLIGHTS

INPUTS/OUTPUTS

- (2) Configurable inputs
- (6) Configurable outputs

COMMUNICATIONS

- USB for PC configuration

CONFIGURATION

- Configuration Suite PC software
- Front panel (PIN protected)

ADVANCED FEATURES

- Automatic switch-over between supplies
- Source 1 / source 2 control
- Manual restore to S1
- Icon or text display
- Configurable timers
- Start and load inhibit
- Supports multiple topologies
- Rotary ATS configuration
- Single event scheduler
- Single-phase display

The ENCP™ 6.1 is a Power Transfer Switch Controller. The ENCP™ 6.1 will monitor the voltage and frequency of the incoming AC supply from two different sources, which could be from both generator or mains (utility), or a combination of both. The system will monitor S1 (source 1) and in the event of a failure will issue a start command to S2 (source 2). Once S2 is available and producing an output within limits, the system will control the transfer device and switch the load from S1 to S2. Once the S1 supply returns to within limits, the system will command a load return to S1 and shut down S2.

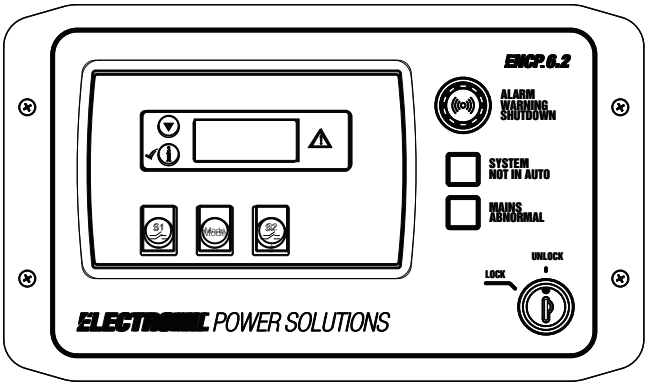
Various timing sequences are available to prevent nuisance starting on minor supply breaks. Configurable digital inputs and outputs make the ENCP™ 6.1 fully flexible to suit a wide variety of applications.

The system can be easily configured using the Configuration Suite PC Software.

The ENCP™ 6.1 also supports many topologies, and includes a clear back-lit LCD display, showing system operational status and warnings.

- Some digital inputs, analogue inputs and Digital outputs might be used for the operator interface, Consult our Technical Support Team for the Exact Number of Free Inputs and Outputs.

ENCP 6.2™



PRODUCT HIGHLIGHTS

INPUTS/OUTPUTS

- (4) Configurable digital inputs
- (4) Configurable volt-free outputs
- (4) Configurable DC outputs

COMMUNICATIONS

- USB for PC configuration

CONFIGURATION

- Configuration Suite PC software
- Front panel (PIN protected)

ADVANCED FEATURES

- Automatic switch-over between supplies
- Source 1 / source 2 control
- Manual restore to S1
- Check sync feature
- Icon or text display
- Configurable timers
- Start inhibit & load inhibit
- Manual & automatic return
- Supports multiple topologies
- Rotary ATS configuration
- 3-phase display

The ENCP™ 6.2 is an Automatic Transfer Switch Controller. The ENCP™ 6.2 will monitor the voltage and frequency of the incoming AC supply from two different sources, which could be from both generator or mains (utility), or a combination of both. The controller will monitor S1 (source 1) and in the event of a failure will issue a start command to S2 (source 2). Once S2 is available and producing an output within limits, the controller will control the transfer device and switch the load from S1 to S2. Once the S1 supply returns to within limits, the controller will command a load return to S1 and shut down S2.

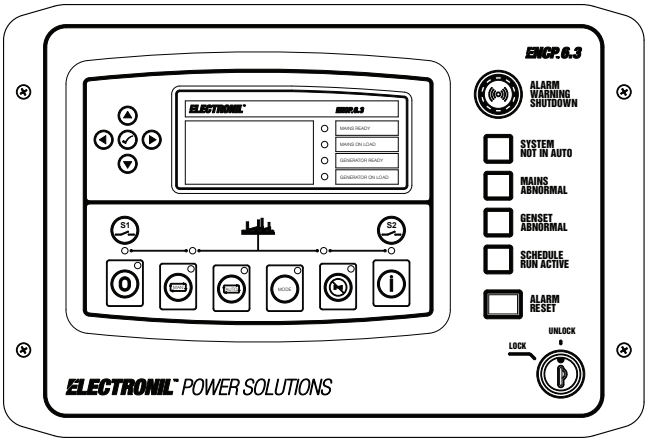
Various timing sequences are available to prevent nuisance starting on minor supply breaks.

Configurable digital inputs and outputs make the ENCP™ 6.2 fully flexible to suit a wide variety of applications.

The controller can be easily configured using the Configuration Suite PC Software.

The ENCP™ 6.2 also supports many topologies, and includes a clear back-lit LCD display, showing system operational status and warnings.

- Some digital inputs, analogue inputs and Digital outputs might be used for the operator interface, Consult our Technical Support Team for the Exact Number of Free Inputs and Outputs.



ENCP 6.3™

PRODUCT HIGHLIGHTS

INPUTS/OUTPUTS

- (12) Configurable digital inputs
- (6) Configurable volt-free outputs
- (6) Configurable DC outputs

COMMUNICATIONS

- Configurable for RS232 or RS485
- USB for PC configuration
- WebNet monitoring software compatible

CONFIGURATION

- Configuration Suite PC software
- Front panel (PIN protected)

ADVANCED FEATURES

- 3-phase monitoring of 2 independent AC supplies (S1 and S2)
- Additional display screens to help with modem diagnostics
- Source 1 / source 2 control
- Manual restore to S1
- Load switching (load shedding outputs)
- Check sync feature
- Power monitoring (kWh, kVAr, kVAh, kVArh)
- Start and load inhibit
- Manual and automatic return
- Supports multiple topologies
- Rotary ATS configuration
- Configurable timers and alarms
- Multiple date and time scheduler
- PLC editor
- Real-time clock
- SMS messaging
- Configurable GenComm pages

- Some digital inputs, analogue inputs and Digital outputs might be used for the operator interface, Consult our Technical Support Team for the Exact Number of Free Inputs and Outputs.

The ENCP™ 6.3 is a Power Transfer Switch Controller. The ENCP™ 6.3 will monitor the voltage and frequency of the incoming AC supply from two different sources, which could be from both generator or mains (utility), or a combination of both. The system will monitor S1 (source 1) and in the event of a failure will issue a start command to S2 (source 2).

The ENCP™ 6.3 supports many topologies and features include mains (utility) rated volt-free relays, a clear back-lit LCD 4-line text display, showing system status and warnings and red and green LEDs indicating operational status.

The system includes USB, RS232 and RS485 ports as well as dedicated terminals for system expansion, this gives features such as remote PC monitoring and SMS text alerts (with external modem).

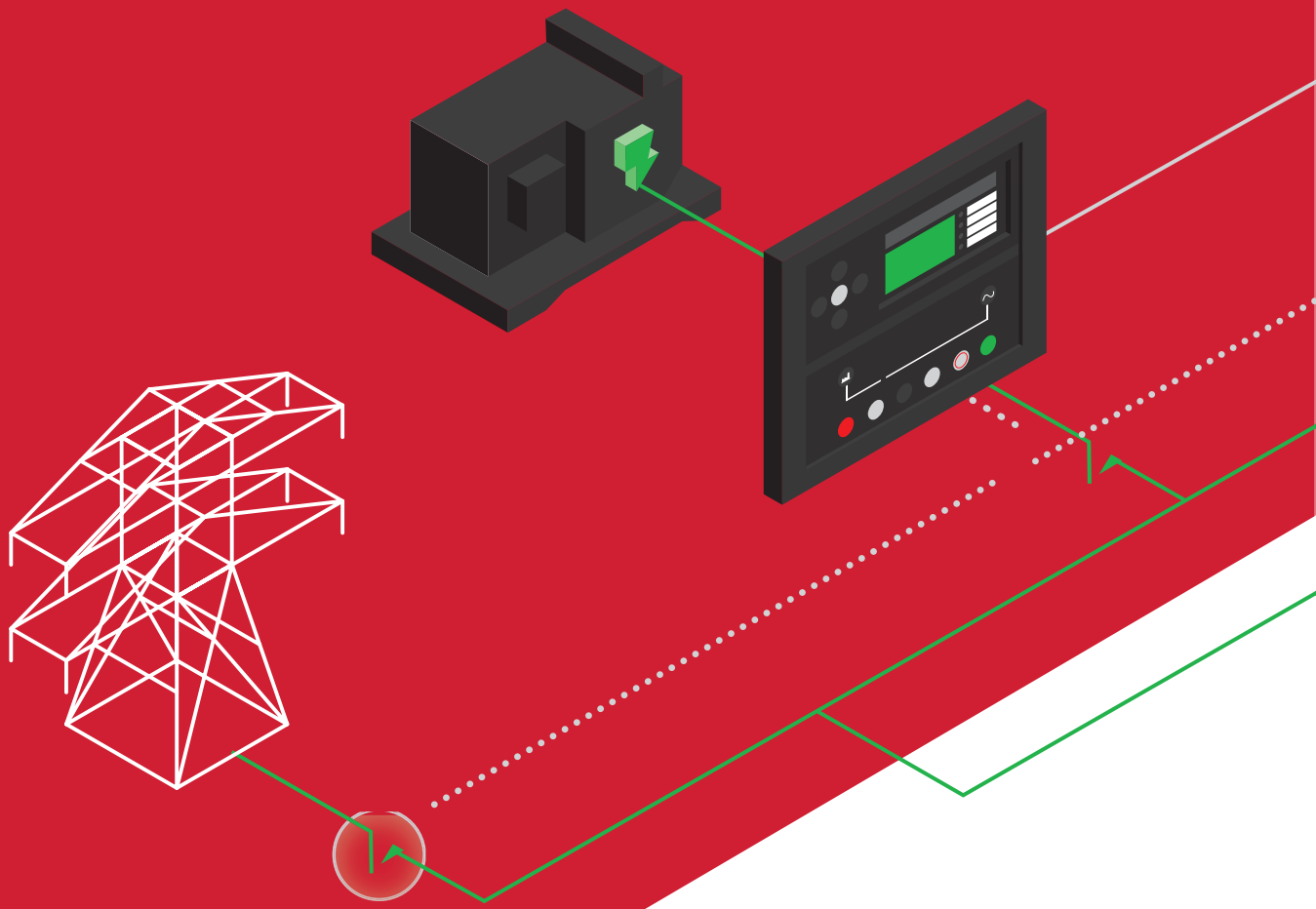
The system can be easily configured using the Configuration Suite PC Software. Selected front panel editing is also available. Configurable inputs and outputs make the ENCP™ 6.3 fully flexible to suit a wide variety of applications.

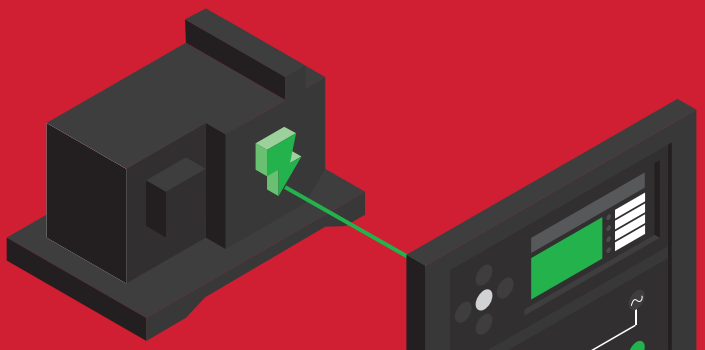
When there is no DC supply an optional self-seeking power supply is required.

THREE-SOURCE SYSTEM.

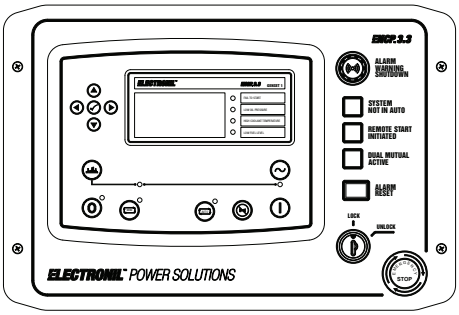
Backup to Your Backup (DUAL-MUTUAL-STANDBY).

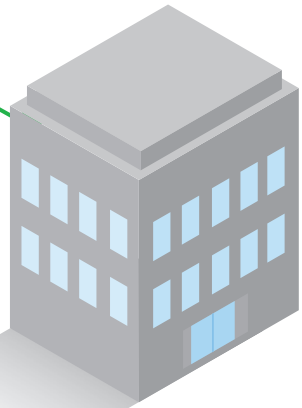
Balancing engine run hours and instructing a second back-up generator to safeguard against the loss of power is essential for power critical applications. The Integrated dual mutual standby functionality simplifies the process of balancing engine run hours, whilst maintaining a back-up if the running generator fails. Connected via RS232 or RS485 the ENCP™ 3.3/ENCP™ 7.3 Control Systems Automatically run the correct generator, ensuring equal run times are maintained and engine downtime is reduced.

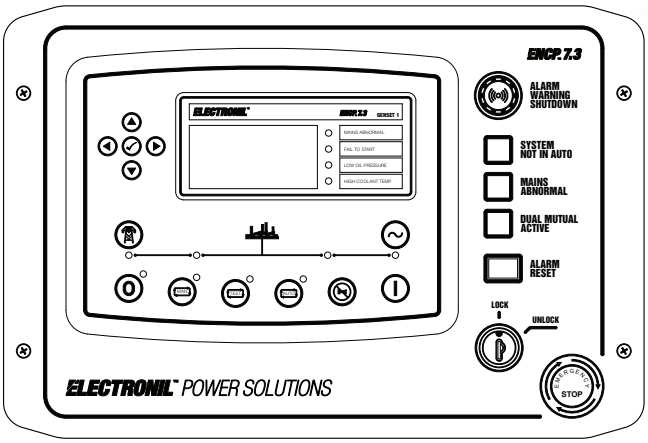




RS485 – 1.2 Km


ENCP. 3.3
ALARM WARNING SHUTDOWN
SYSTEM NOT IN AUTO
REMOTE START INITIATED
DUAL MUTUAL ACTIVE
ALARM RESET
LOCK
UNLOCK
STOP
ELECTRONIL POWER SOLUTIONS




ENCP. 7.3
ALARM WARNING SHUTDOWN
SYSTEM NOT IN AUTO
MAINS ABNORMAL
DUAL MUTUAL ACTIVE
ALARM RESET
LOCK
UNLOCK
EMERGENCY STOP
ELECTRONIL POWER SOLUTIONS

ENCP™ AMF

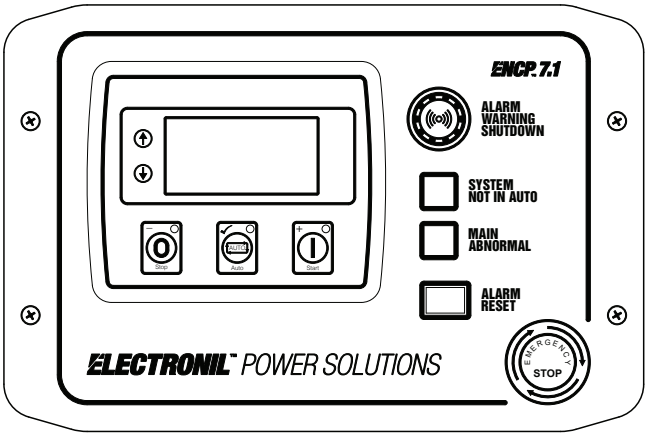
AUTO MAINS FAILURE CONTROLLERS.

The ELECTRONIL™ CONTROL POINT, ENCP™ 7 Series combines engine and generator control and monitoring with a single, robust panel for quick key access to engine and generator controls, diagnostics, and operating information.

Monitoring engine speed, oil pressure, coolant temperature, generator/mains frequency, generator/mains voltage, load current, power and engine fuel level, the systems give comprehensive engine and alternator protection. This is indicated on a large back-lit LCD text display via an array of warning, electrical trip and shutdown alarms in multiple languages.

Electronic J1939 (CAN) and non-electronic MPU and alternator sensing engine support for diesel, gas and petrol engines all in one variant. With a number of flexible inputs, outputs and protections, the systems can be easily adapted to suit a wide range of applications.

The ENCP™ 7 Series features a graphical display with an adjustable back-light as well as an advanced engine monitoring system. These features add to the sense of value and dependability that comes with your purchase of ELECTRONIL™ products.



ENCP 7.1™

PRODUCT HIGHLIGHTS

INPUTS/OUTPUTS

- (4) Configurable digital inputs
- (3) Configurable analogue / digital inputs
- (4) Configurable DC outputs
- Independent fuel and crank outputs

COMMUNICATIONS

- USB for PC configuration
- WebNet monitoring software compatible

ENGINE COMPATIBILITY

- CAN engine support (Tier 4F / Stage 5)
- Conventional engine support (Hz)

CONFIGURATION

- Configuration Suite PC software
- Front panel (PIN protected)

ADVANCED FEATURES

- 3-phase mains (utility) sensing
- Automatic transfer between mains (utility) & generator
- Configurable for use as an auto start or auto mains (utility) failure control system
- Sophisticated alarms including water in fuel and tank bund
- ECU periodic wake up for information retrieval
- Comprehensive engine and alternator protections
- Alternator frequency & CAN speed sensing
- Generator / load power & current monitoring and protection

The ENCP™ 7.1 Automatic Mains Failure Generator Control System is suitable for a wide variety of standby single gen-set applications.

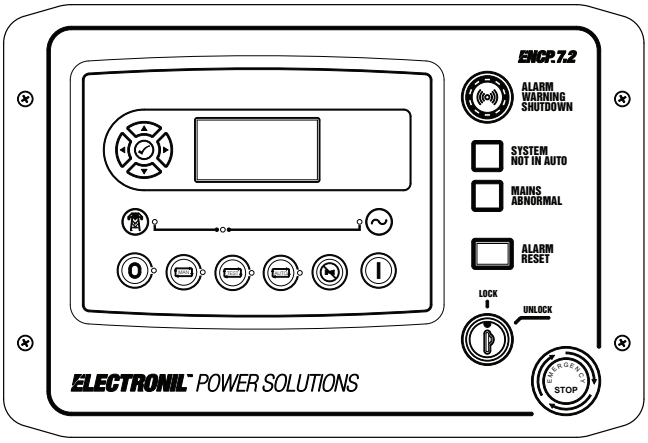
Whilst maintaining functions included within higher end controllers, such as generator or load power monitoring, the ENCP™ 7.1 is an especially compact controller provide the user with the ultimate size to feature ratio.

Monitoring engine speed, oil pressure, coolant temperature, frequency, voltage, current, power and fuel level, the modules will give comprehensive engine and alternator protection. This will be indicated on the largest back-lit LCD icon display in its class via an array of warning, electrical trip and shutdown alarms.

Electronic J1939 (CAN) and non-electronic (alternator frequency sensing) engine support for diesel, gas and petrol engines all in one variant. With a number of flexible inputs, outputs and protections, the module can be easily adapted to suit a wide range of applications.

Through USB Communication the system can be easily configured using the Configuration Suite PC Software or can be fully configured through the system's front panel editor.

- Some digital inputs, analogue inputs and Digital outputs might be used for the operator interface, Consult our Technical Support Team for the Exact Number of Free Inputs and Outputs.



ENCP 7.2™

PRODUCT HIGHLIGHTS

INPUTS/OUTPUTS

- (8) Configurable digital inputs
- (4) Configurable analogue / digital inputs
- (6) Configurable DC outputs
- Independent fuel and crank outputs

COMMUNICATIONS

- USB for PC configuration
- WebNet monitoring software compatible

ENGINE COMPATIBILITY

- CAN engine support (Tier 4F / Stage 5)
- Conventional engine support (MPU & Hz)

CONFIGURATION

- Configuration Suite PC software
- Front panel (PIN protected)

ADVANCED FEATURES

- Mains (utility) supply monitoring
- Automatic transfer between mains (utility) & generator
- PLC editor
- Generator current & power monitoring
- 0-10 V & 4-20 mA oil pressure sensor support
- Fuel level alarms
- 1 alternative configuration
- 3-phase generator sensing & protection
- 5-key menu navigation / front panel breaker control buttons

The ENCP™ 7.2 Automatic Mains Failure Generator Control System is suitable for a wide variety of standby single, diesel or gas, gen-set applications.

Monitoring an extensive number of engine parameters, the modules will display warnings, shutdown and engine status information on the back-lit LCD screen, illuminated LEDs and remote PC.

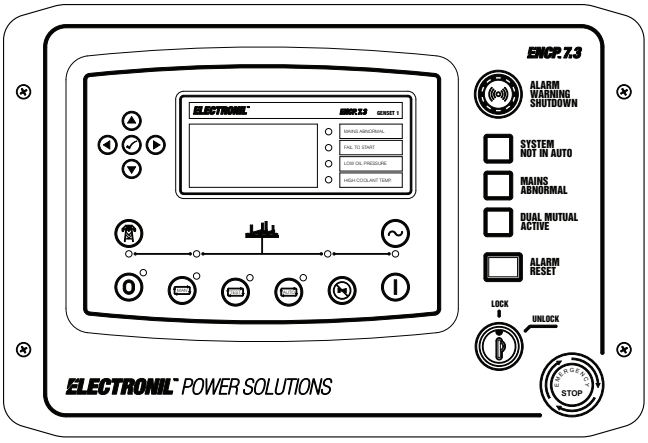
The ENCP™ 7.2 will also monitor the mains (utility) supply. The systems include USB connection and dedicated terminals for system expansions.

The ENCP™ 7.2 is compatible with electronic (CAN) and non-electronic (magnetic pick-up/ alternator sensing) engines and offer an extensive number of flexible inputs, outputs and extensive engine protections so the system can be easily adapted to meet the most demanding industry requirements.

The extensive list of features includes enhanced event and performance monitoring, remote communications & PLC functionality.

The system can be easily configured using the Configuration Suite PC software. Selected front panel editing is also available.

- Some digital inputs, analogue inputs and Digital outputs might be used for the operator interface, Consult our Technical Support Team for the Exact Number of Free Inputs and Outputs.



ENCP 7.3™

PRODUCT HIGHLIGHTS

INPUTS/OUTPUTS

- (8) Configurable digital inputs
- (6) Configurable analogue / digital inputs
- (6) Configurable DC outputs
- (2) Configurable volt-free outputs
- Independent fuel and start outputs

COMMUNICATIONS

- Simultaneous use of RS485 & RS232 ports
- MODBUS RTU
- USB for PC configuration
- SCADA software
- WebNet monitoring software compatible

ENGINE COMPATIBILITY

- Conventional engine support (MPU & Hz)
- CAN engine support (Tier 4F / Stage 5)

CONFIGURATION

- Configuration Suite PC software

ADVANCED FEATURES

- Mains (utility) supply monitoring
- Automatic transfer between mains (utility) & generator
- Supports 7 languages
- Crank disconnect on generator voltage
- Oil pressure disconnect delay
- Configurable icon screens
- Charge alternator disable functionality
- Dedicated inputs for ECU specific operations
- Advanced PLC editor
- SMS alerts & control
- Dual mutual standby

- Some digital inputs, analogue inputs and Digital outputs might be used for the operator interface, Consult our Technical Support Team for the Exact Number of Free Inputs and Outputs.

The ENCP™ 7.3 Automatic Mains Failure Generator Control System is suitable for a wide variety of standby single, diesel or gas, gen-set applications.

Monitoring an extensive number of engine parameters, the systems will display warnings, shutdown and engine status information on the back-lit LCD screen, illuminated LEDs, remote PC and via SMS text alerts (with external modem).

The ENCP™ 7.3 will also monitor the mains (utility) supply. The systems include USB, RS232 and RS485 ports as well as dedicated terminals for system expansions.

The ENCP™ 7.3 is compatible with electronic (CAN) and non-electronic (magnetic pick-up/ alternator sensing) engines and offer an extensive number of flexible inputs, outputs and extensive engine protections so the system can be easily adapted to meet the most demanding industry requirements.

The extensive list of features includes enhanced event and performance monitoring, remote communications & PLC functionality. Dual mutual standby is now available on the ENCP™ 7.3 using RS232 or RS485 communications. This provides for a simpler and more convenient installation with more advanced features such as true engine hours balancing.

CONTROLLER AND GENERATORS PARALLELING

Maximize Your System's Flexibility.

While it may be common for a facility to install a single large generator to meet its power needs, paralleling two or more generators offers a number of practical benefits and advantages over a single-generator system.

REDUNDANCY

The redundancy provided by the paralleling of two or more generators delivers greater reliability and flexibility than a single generator can provide. In critical applications, having more than one generator connected to the bus at all times ensures continuous generator power in the unlikely event that a generator fails.

COST-EFFECTIVE

In many cases, paralleling two or more gensets to produce the same output as a larger single unit results in significant cost savings. For example, you can save up to 20% when paralleling three 500 kW units compared to one 1500 kW unit.

POWER REQUIREMENTS

If the largest available generator is too small to meet your power requirements, two or more generators can be paralleled to provide the necessary power.

EFFICIENCY

Instead of one large generator that might operate at an inefficiently low kW, several small generators can be paralleled together and turned on and off as necessary to efficiently support the varying demands of the load.

In situations where your load needs require one genset, you'll run more efficiently. And that kind of efficiency can result in big savings. Because our ENCP™ 9 SERIES control systems automatically turns off any generators in your system when needs are low, you'll benefit from immediate fuel savings and reduce running time for greater generator longevity.

SPACE CONSTRAINTS

By using gensets with smaller footprints instead of one larger unit, the Paralleled Generators System provides greater location flexibility. the multiple units can be placed where a single genset won't fit, so space is used more efficiently. And because the weight of multiple units can be distributed, rooftop installation is even possible - something you simply can't do with many large single-generator sets.

FUTURE GROWTH

A Paralleled Generators System can be designed to add additional generators as your facility's load requirements expand.

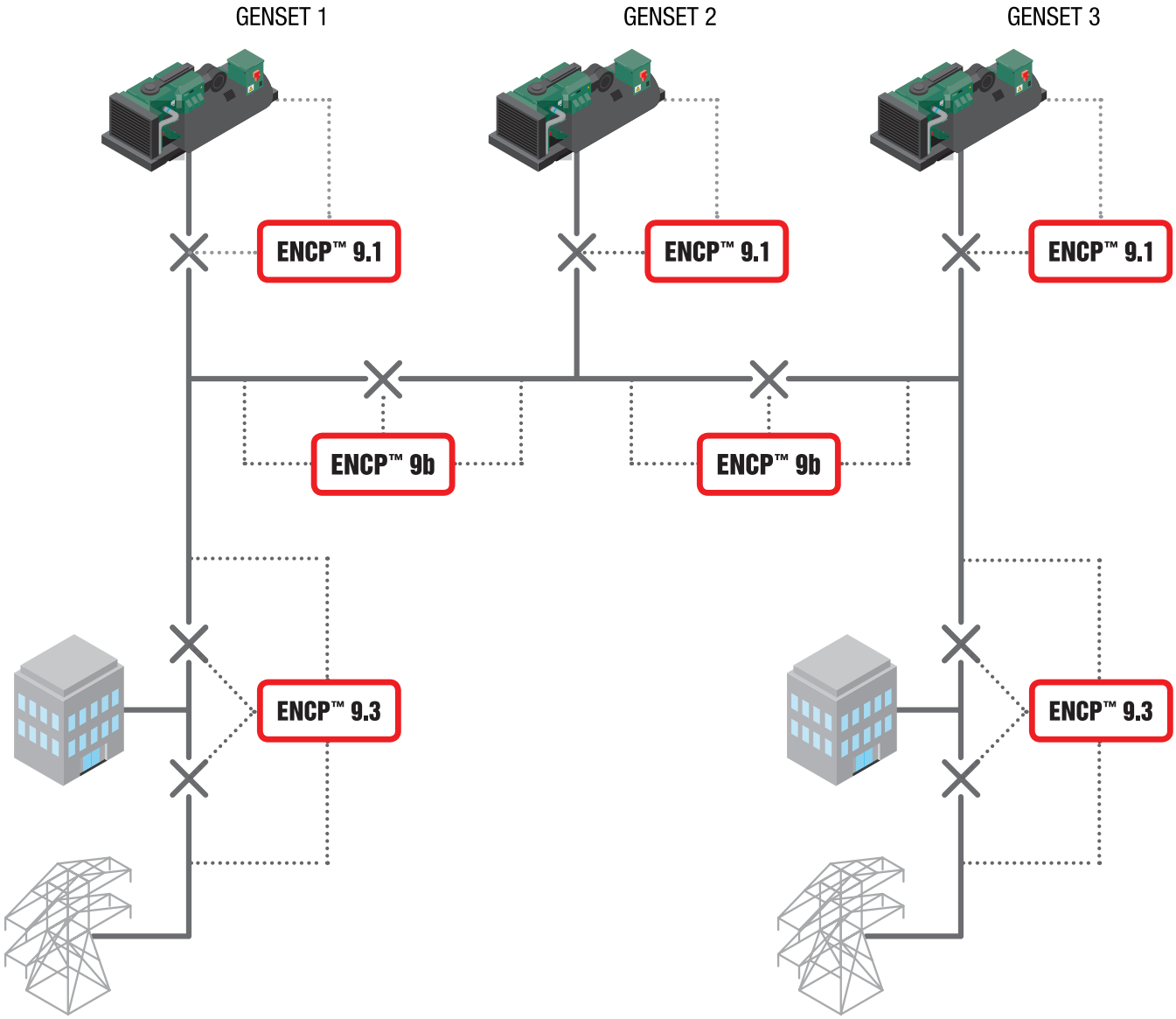
Purchase the Paralleled Generators System that fits your budget today. And, in the future, it can easily expand as your needs and budget allow. That way, you'll never have to worry about replacing a system you've outgrown.

PARALLELING SYSTEMS (SYNCHRONIZING AND LOAD SHARING)

(Hospital Application Example)

ENCP™ 9 Series Paralleling Controllers offer a range of highly sophisticated features & functions in a simple, user-friendly format.

The ENCP™ 9.1 Generator Paralleling Controller can be equipped with a range of battery chargers to ensure optimal battery performance and maximum battery life.



ENCP™ 9.1 Auto Start GENSET / GENSET Paralleling Controller.
ENCP™ 9.3 Auto Transfer Switch / Mains Controller.
ENCP™ 9b Synchronized Generators Bus-Tie Controller.

ENCP™ SYNC

GENERATOR PARALLELING CONTROLLERS.

The ELECTRONIL™ CONTROL POINT, ENCP™ 9 Series is an easy to use Synchronizing Auto Start Control System suitable for use in a multi-generator load share system, designed to synchronize up to 32 generators including electronic and non-electronic engines.

The ENCP™ 9 Series Monitors the generator and indicates operational status and fault conditions, automatically starting or stopping the engine on load demand or fault condition.

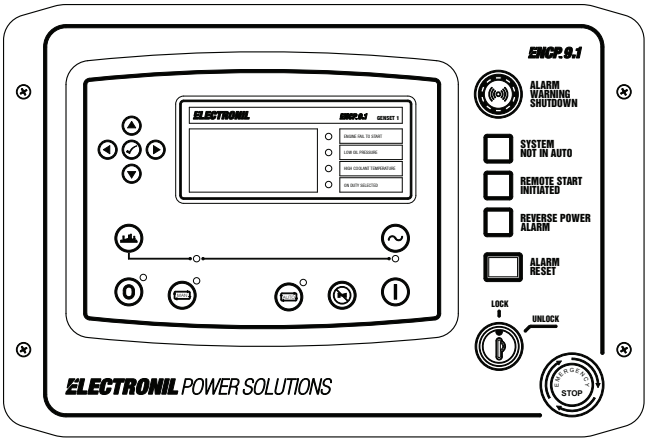
System alarms are annunciated on the LCD screen (multiple language options available), illuminated LED and audible sounder.

The event log will record 250 events to facilitate easy maintenance, and an extensive number of fixed and flexible monitoring, metering and protection features are included.

Designed to offer increased built in support for active sensors for 0 V to 10 V & 4 mA to 20 mA. Comprehensive communication and system expansion options are available.

With all communication ports capable of being active at the same time, the ENCP™ 9 Series is ideal for a wide variety of demanding load share applications, from a single module to the paralleling and load sharing of multiple units. The systems can be further customized to meet your needs through programming and expansion modules.

The ENCP™ 9 Series features a graphical display with an adjustable backlight as well as an advanced engine monitoring system. These features add to the sense of value and dependability that comes with your purchase of ELECTRONIL™ Products.



ENCP 9.1™

PRODUCT HIGHLIGHTS

INPUTS/OUTPUTS

- (12) Configurable digital inputs
- (4) Configurable analogue / digital inputs
- (2) Configurable flexible sender inputs
- (8) Configurable DC outputs
- (2) Configurable volt-free outputs
- Configurable 5 stage dummy load and load shedding outputs

COMMUNICATIONS

- Independent ports for RS485, RS232, CAN, USB and Ethernet
- MODBUS RTU / TCP IP
- SNMP
- SCADA software
- WebNet monitoring software compatible

ENGINE COMPATIBILITY

- Conventional engine support (MPU & Hz)
- CAN engine support (Tier 4F / Stage 5)

ADVANCED FEATURES

- Generator load demand with sequential set start
- 0-10 V & 4-20 mA oil pressure sensor support
- Power monitoring
- RoCoF and vector shift monitoring
- Automatic hours run balancing
- Sophisticated fuel monitoring and alarms
- 3-phase generator voltage and current sensing
- Sophisticated bus sensing (3-phase)
- Direct governor and AVR control
- Multiple configurable maintenance alarms
- Advanced SMS messaging
- Advanced PLC editor
- Support for worldwide languages
- Extensive data logging & trending
- Start & stop via SMS messaging

The ENCP™ 9.1 is an easy to use Auto Start Generator Paralleling Control System suitable for use in a multi-generator load share system, designed to synchronize up to 32 generators including electronic and non-electronic engines.

The ENCP™ 9.1 Monitors the generator and indicates operational status and fault conditions, automatically starting or stopping the engine on load demand or fault condition.

System alarms are annunciated on the LCD screen (multiple language options available), illuminated LED and audible sounder.

The event log will record 250 events to facilitate easy maintenance, and an extensive number of fixed and flexible monitoring, metering and protection features are included.

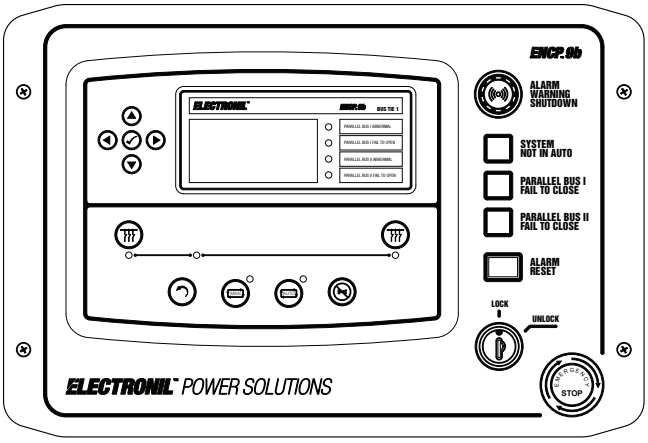
Designed to offer increased built in support for active sensors for 0 V to 10 V & 4 mA to 20 mA. Comprehensive communication and system expansion options are available.

Using the PC Configuration Suite Software allows easy alteration of the operational sequences, timers and alarms. With all communication ports capable of being active at the same time, the ENCP™ 9.1 is ideal for a wide variety of demanding load share applications.

COMPATIBLE LOAD SHARE SYSTEMS

- ENCP™ 9.3
- ENCP™ 9.2

- Some digital inputs, analogue inputs and Digital outputs might be used for the operator interface, Consult our Technical Support Team for the Exact Number of Free Inputs and Outputs.



ENCP 9b™

The ENCP™ 9b is designed to control a generators bus-tie breaker. The system manages the synchronizing and check-sync across the breaker automatically, when opening or closing the bus-tie breaker.

The ENCP™ 9b has been designed to work with the ENCP™ 9.1 and ENCP™ 9.3 Load Share control modules which support up to sixteen ENCP™ 9bs with no ENCP™ 9.3 or up to two ENCP™ 9bs with one to fourteen ENCP™ 9.3s. This provides a standalone, fully integrated solution, without the need for PLC.

With all communication ports capable of being active at the same time, the ENCP™ 9b is ideal for a wide variety of demanding load share applications.

PRODUCT HIGHLIGHTS

INPUTS/OUTPUTS

- (11) Configurable digital inputs
- (2) Configurable volt-free outputs
- (6) Configurable DC outputs

COMMUNICATIONS

- Independent ports for RS485, RS232, USB and Ethernet
- MODBUS RTU / TCP IP

CONFIGURATION

- Configuration Suite PC software
- Front panel (PIN protected)

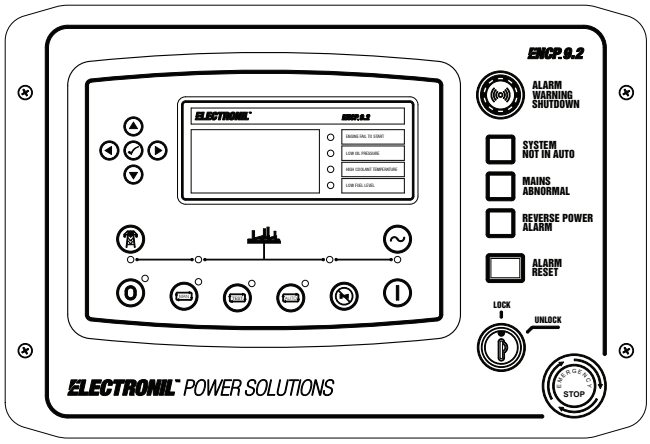
ADVANCED FEATURES

- Enhanced bus sensing of 2 buses for improved synchronising functionality
- Multiple ENCP™ 9b's can be used within one synchronising system
- Advanced PLC editor
- Instrumentation shows the status and measurements of both buses
- Advanced SMS control and fault messaging
- Supports multiple global languages
- Easy access diagnostic pages including modem diagnostic pages
- Advanced data logging and trending
- Eliminates the need for costly PLC systems

COMPATIBLE LOAD SHARE SYSTEMS

- ENCP™ 9 Series

- Some digital inputs, analogue inputs and Digital outputs might be used for the operator interface, Consult our Technical Support Team for the Exact Number of Free Inputs and Outputs.



ENCP 9.2™

PRODUCT HIGHLIGHTS

INPUTS/OUTPUTS

- (12) Configurable digital inputs
- (4) Configurable analogue / digital inputs
- (2) Configurable flexible sender inputs
- (8) Configurable DC outputs
- (2) Configurable volt-free outputs
- Independent fuel and crank outputs
- Configurable 5 stage dummy load and load shedding outputs

COMMUNICATIONS

- Independent ports for RS485, RS232, CAN, USB and Ethernet - MODBUS RTU / TCP IP - SNMP
- SCADA software

ENGINE COMPATIBILITY

- Conventional engine support (MPU & Hz)
- CAN engine support (Tier 4F / Stage 5)

ADVANCED FEATURES

- 3-phase mains (utility) & generator voltage and current sensing
- 0-10 V & 4-20 mA oil pressure sensor support
- Peak lopping and peak shaving functionality
- kW & kV Ar load sharing
- RoCoF and vector shift protection
- Automatic mains (utility) decoupling with no-break return
- Positive & negative kVAr export control
- Volts and frequency matching
- Sophisticated fuel monitoring and alarms
- Direct governor and AVR control
- Multiple configurable maintenance alarms
- Advanced SMS messaging
- Advanced PLC editor
- Support for worldwide languages
- Extensive data logging & trending
- Start & stop capability via SMS messaging

The ENCP™ 9.2 is an easy to use Synchronizing Auto Mains (Utility) Failure Control System suitable for paralleling single gensets (diesel or gas) with the mains (utility) supply.

The controller can be configured for use as an ENCP™ 9.1 Auto Start Generator Paralleling Control System. When converted for use as an ENCP™ 9.1 the system provides generator to generator load share.

Designed to synchronize a single genset with a single mains (utility) supply the ENCP™ 9.2 will automatically control the change over from mains (utility) to generator supply or run the generator in parallel with the mains (utility) to provide no break, peak lopping and peak shaving power solutions.

Comprehensive communications are also available via RS232, RS485 and Ethernet for remote PC control and monitoring and integration into building management systems

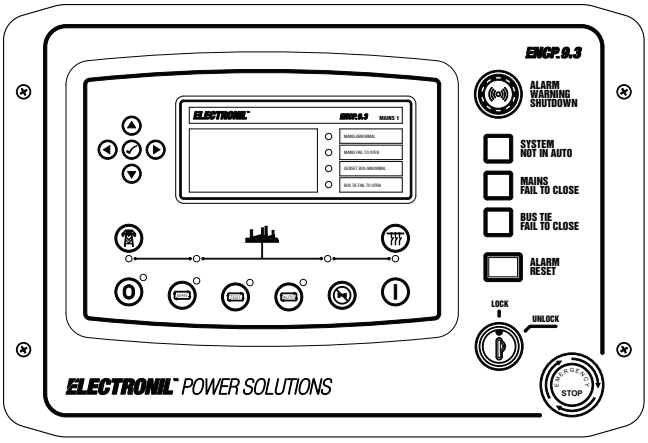
Designed to offer increased built in support for active sensors for 0 V to 10 V & 4 mA to 20 mA. Comprehensive communication and system expansion options are available.

Using the PC Configuration Suite Software allows easy alteration of the operational sequences, timers and alarms. With all communication ports capable of being active at the same time, the ENCP™ 9.2 is ideal for a wide variety of demanding load share applications.

COMPATIBLE LOAD SHARE SYSTEMS

- ENCP™ 9.3 (When ENCP™ 9.2 is configured as an ENCP™ 9.1)
- ENCP™ 9.1

- Some digital inputs, analogue inputs and Digital outputs might be used for the operator interface, Consult our Technical Support Team for the Exact Number of Free Inputs and Outputs.



ENCP 9.3™

PRODUCT HIGHLIGHTS

INPUTS/OUTPUTS

- (11) Configurable digital inputs
- (6) Configurable DC outputs
- (2) Configurable volt-free outputs

COMMUNICATIONS

- Independent ports for RS485, RS232, CAN, USB and Ethernet
- MODBUS RTU / TCP IP
- SCADA software
- WebNet monitoring software compatible

CONFIGURATION

- Configuration Suite PC software
- Front panel (PIN protected)

ADVANCED FEATURES

- 3-phase mains (utility) voltage and current sensing
- Peak lopping and peak shaving functionality
- kW & kVAr load sharing
- RoCoF and vector shift protection
- Mains (utility) kW export protection
- Automatic mains (utility) decoupling with no-break return
- Generator load demand
- Advanced SMS messaging
- Advanced PLC editor
- Support for worldwide languages
- Data logging & trending
- Multiple event scheduler
- Native no bus breaker support for signal ATS applications
- Separate ramp up and ramp down rates configurable via PLC

The ENCP™ 9.3 is an easy-to-use single or multi-mains controller with automatic transfer switch capability. Designed to synchronize single or multiple ENCP™ 9.1 and ENCP™ 9b with single or multiple mains (utility) supplies, the ENCP™ 9.3 will automatically control the change over from mains (utility) to generator supply or run generators in parallel with the mains (utility) to provide no-break, peak lopping and peak shaving power solutions.

The system can indicate operational status and fault conditions on the LCD screen (multiple languages available), by illuminated LED, audible sounder and SMS messaging.

Comprehensive communications are also available via RS232, RS485 & Ethernet for remote PC control and monitoring, and integration into building management systems.

The comprehensive event log will record up to 250 events to facilitate maintenance.

An extensive number of fixed and flexible monitoring and protection features are included. Easy alteration of the sequences, timers and alarms can be made using the PC Configuration Suite Software. Selected configuration is also available via the system's front panel.

With all communication ports capable of being active at the same time, the ENCP™ 9.3 is ideal for a wide variety of demanding load share applications.

COMPATIBLE LOAD SHARE SYSTEMS

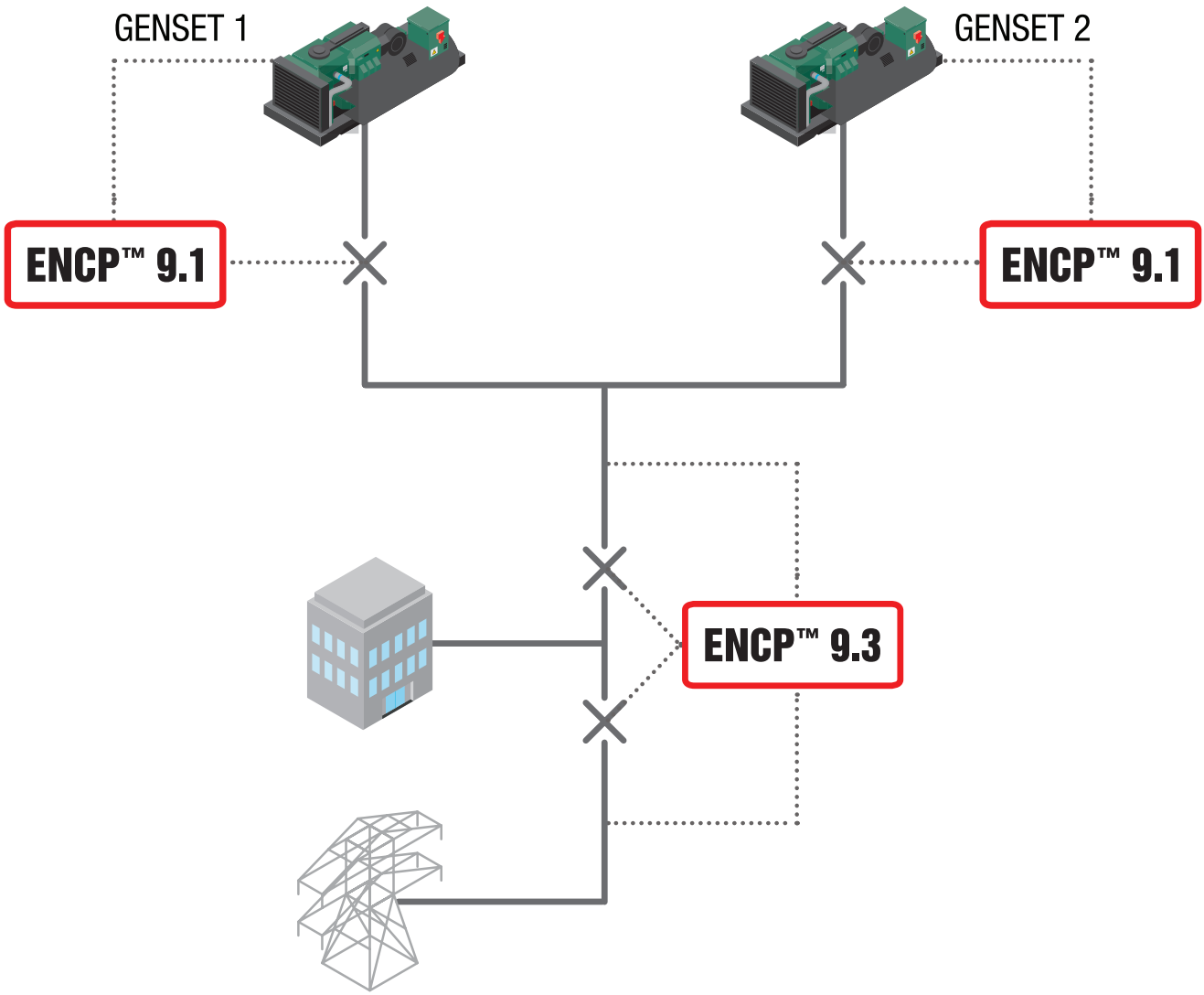
- ENCP™ 9.1
- ENCP™ 9.2 (When ENCP™ 9.2 is configured as an ENCP™ 9.1)

- Some digital inputs, analogue inputs and Digital outputs might be used for the operator interface, Consult our Technical Support Team for the Exact Number of Free Inputs and Outputs.

PARALLELING SYSTEMS (SYNCHRONIZING AND LOAD SHARING)

ENCP™ 9 Series Paralleling Controllers offer a range of highly sophisticated features & functions in a simple, user-friendly format.

The ENCP™ 9.1 Generator Paralleling Controller can be equipped with a range of battery chargers to ensure optimal battery performance and maximum battery life.



ENCP™ 9.1 Auto Start GENSET/GENSET Paralleling Controller.
ENCP™ 9.3 Auto Transfer Switch/Mains Controller.

AUTO START GENERATOR PARALLELING SYSTEM WITH 7 INCH COLORED TOUCH SCREEN INTERFACE.

ENCP IX™

PRODUCT HIGHLIGHTS

INPUTS/OUTPUTS

- (2) DC alarm outputs

COMMUNICATIONS

- RS232, RS485 and Ethernet
- USB for PC configuration

CONFIGURATION

- Configuration Suite PC software
- SCADA software

ADVANCED FEATURES

- 7” LCD display presenting graphs, charts, metering, power and engine status information in full color
- High screen resolution for optimum clarity
- Touchscreen enabled
- View multiple systems within the same load sharing system (max 20)
- Connects via a data communication link up to a maximum distance of 1.2 km
- Enhanced graphical user interface
- Powerful processor for fast operating response times
- Audible alarm
- Configurable as a single-set remote overview display

COMPATIBLE LOAD SHARE SYSTEMS

- ENCP™ 9 Series

- Some digital inputs, analogue inputs and Digital outputs might be used for the operator interface, Consult our Technical Support Team for the Exact Number of Free Inputs and Outputs.

AUTO START GENERATOR PARALLELING SYSTEM WITH 10 INCH COLORED TOUCH SCREEN INTERFACE.

ENCP X™

PRODUCT HIGHLIGHTS

INPUTS/OUTPUTS

- (3) Configurable inputs / outputs
- (1) Volt-free change over output

COMMUNICATIONS

- RS232, RS485 and Ethernet
- USB for PC configuration

CONFIGURATION

- Configuration Suite PC software
- SCADA software

ADVANCED FEATURES

- High definition 10” screen presenting graphs, charts, metering, power and engine status information in full color
- Configurable graphical user interface with software widgets
- High screen resolution for optimum clarity
- Touchscreen enabled
- Trend analysis
- View multiple systems within the same load sharing system (max 20)
- Connects via a data communication link up to a maximum distance of 1.2 km
- Powerful processor for fast operating response times
- Audible alarm

COMPATIBLE LOAD SHARE SYSTEMS

- ENCP™ 9 Series

- Some digital inputs, analogue inputs and Digital outputs might be used for the operator interface, Consult our Technical Support Team for the Exact Number of Free Inputs and Outputs.

WebNet®

ADVANCED REMOTE MONITORING OF GENSETS, PUMPS & COMPRESSORS.

WebNet® is an online management tool for remote control and monitoring of generators, pumps and compressors.

Allows 24/7 access to multiple applications from anywhere in the world, and offers a range of outstanding features suitable for multiple applications. Available in desktop and mobile versions, the WebNet® Software is both powerful and versatile.

KEY INDUSTRIES

User Configurable Access
Allocate different user privileges, giving admin users the ability to provide full control or read only access, to prevent accidental system changes.

App for Mobile & Tablet
Available for iOS and Android devices. The App can be linked to sites pre-configured using a desktop connection.

Single User or Organisational Accounts
Operate as a single user with full control or create an organisational account allowing access to multiple users with flexible permissions.

Geo-Fencing & Asset Tracking
Protect against theft or movement by creating a virtual geographic boundary around your equipment using GPS.

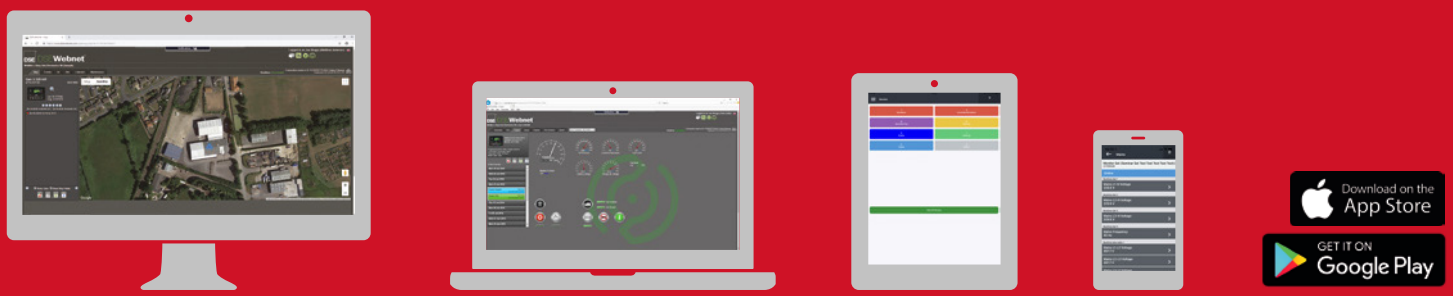
Configurable Reporting
Choose the reports you want to see and send automatically by email or SMS to a maximum of 25 users.

Maintenance Scheduling & Logging
Plan and customise essential maintenance schedules and keep logs of previous maintenance work for all users to view.

Configurable User Interfaces
Create bespoke user interfaces using configurable widgets and templates to allow quick and easy access to key equipment and site data.

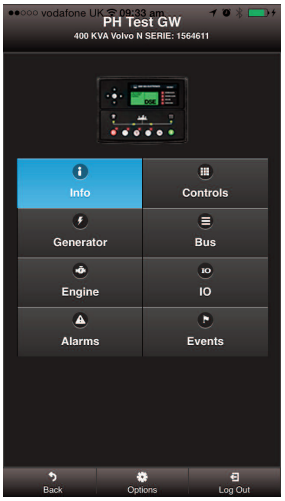
Event Triggers
Set up event triggers to email or message users when specific conditions occur, including active alarms, low fuel levels and genset status.

WORKS ACROSS MULTIPLE PLATFORMS



WebNet®

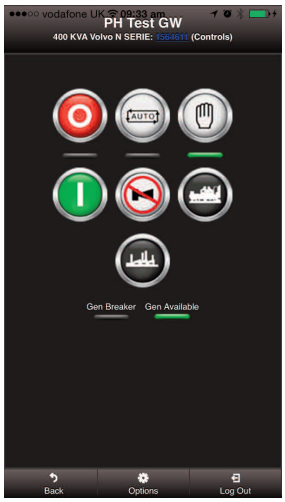
SMART DEVICE APPLICATION

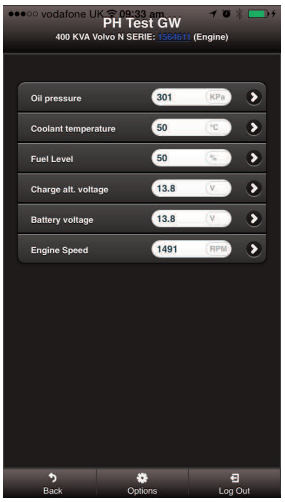


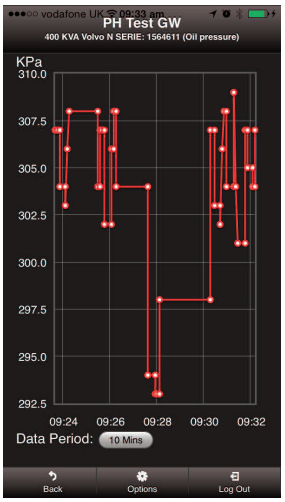
ADVANCED COMMUNICATIONS SOLUTION

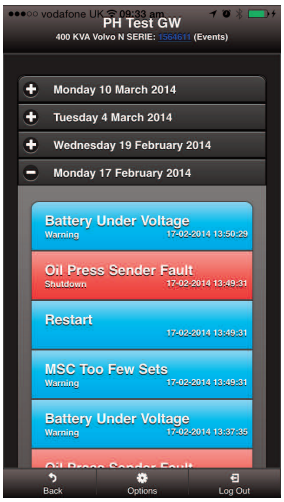
WEB BASED CONTROL AND MONITORING SOLUTION FOR YOUR CONTROL SYSTEMS, NOW AVAILABLE IN A SMART DEVICE APPLICATION.

The WebNet Mobile Application is designed to give the ultimate remote access to your genset system – for busy engineers on the move this is a 'must have' tool!



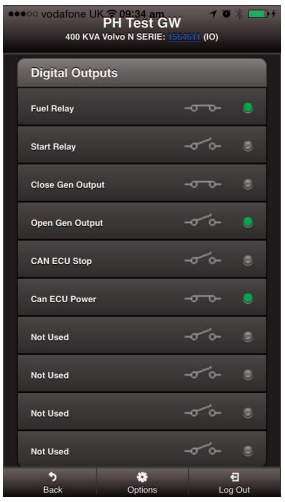


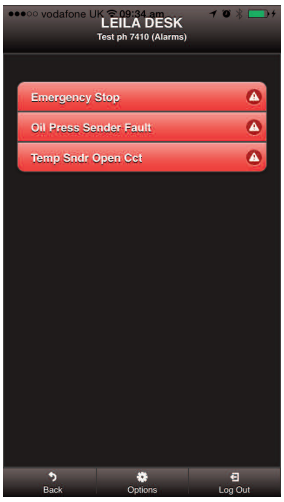




Designed for use on smart phones and tablet devices, the software has a fast response time so that you are able to monitor and control your control system, anywhere in the world.

You are able to view and control all controllers that are connected to your WebNet account. Realtime instrumentation, alarms, notifications, input & output status and historic data graphs, provide the highest degree of engineering/maintenance flexibility.





THE BEST WAY TO PROTECT YOUR POWER.

And Protect Your Team.

Our genuine parts are easily accessible, which can reduce customer downtime, improve your responsiveness and provide a competitive advantage.

Structured to help you deliver top-tier service and capture profits, our Aftermarket Parts and Service team provides the parts, people and performance you can count on.

PARTS

Designed to perform under the toughest environmental conditions, Our Genuine Parts are chosen specifically for your generator—and will be available when you need them. They undergo extensive lab and field testing as part of the overall power-system to ensure everything works as expected.

PEOPLE

Our experienced Aftermarket Parts and Service team is available to answer your questions. Choosing genuine parts provides you with comprehensive support, training and technical assistance straight from the factory.

- Factory training
- On-site technical support
- One point of contact for all your parts and service needs
- Dedicated aftermarket channel support

PERFORMANCE

We continuously invest in better processes in decisions that affect your business.

- Inventory management
- Warranty management
- Lead-time strategy

POWER GENERATORS | POWER TRANSFER SWITCHES | PARALLELING SYSTEMS | SWITCHGEARS | CONTROLS
GENERATOR MAINTENANCE | SERVICE AGREEMENT | CONTROL SYSTEM UPGRADE | SPARE PARTS | CONSUMABLES

ENGINEERING THE FUTURE SINCE 1995.

ELECTRONIL INTEGRATED POWER SOLUTIONS

ELECTRONIL HEADQUARTERS

63 Engineer Abdel Moneim St., Zahraa El Maadi, Cairo - Egypt

Tel/Fax : +202 25 400 286
E Mail : info@electronil.com

SALES AND SPARE PARTS

Mobile : +20100 140 7173
E Mail : sales@electronil.com

TECHNICAL SUPPORT

Mobile : +20122 49 90 163
E Mail : support@electronil.com

SERVICE AND MAINTENANCE

Mobile : +20100 69 48 681
E Mail : service@electronil.com

www.electronil.com

ELECTRONIL®