



**Power Generators  
Soundproofing Solutions  
Power Transfer Switches  
Paralleling Systems  
Switchgears  
Controls**

**Generator Maintenance  
Services Agreements  
Control System Upgrade  
Battery Chargers  
Spareparts  
Consumables**



# SINGA 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 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.

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



# WHAT WE DO

## لم تختار منتجات إلكتروني!

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

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

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

# WE ARE ELECTRONIL.

## Our Capabilities



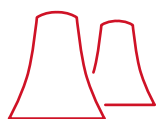
Power Generation Systems  
Design and Supply



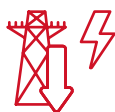
Complex Standby Systems,  
Synchronization and Load  
Sharing Including Multiple  
Utility Grid



Parallel with Utility Grid  
Operation



Power Stations



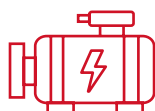
Mains, Feeder and Load  
Shedding Control Systems



BMS, SCADA and Remote  
Monitoring Systems



Low-Voltage Panel Building



Engine Driven  
Compressors and Pumps



Marine Certified Systems



Water Pump and Dredging  
Control Systems



Design, Supply, Install,  
Commissioning, Startup  
and Service



Standard, Sophisticated  
and Bespoke Control  
Systems



Design



Engineering



Training and Technical  
Support







# 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 إلكترونيك لحلول الطاقة قوة رائدة في مجالات حلول الطاقة الكهربائية 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 الكهربائية وأنظمة التحكم والحماية والتشغيل. بالإضافة إلى، واستناداً إلى إرث علامة تجارية رائدة، قمنا بإنشاء 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 ومتطورة.

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 تعقيداً التي يمكن أن تقابلها.

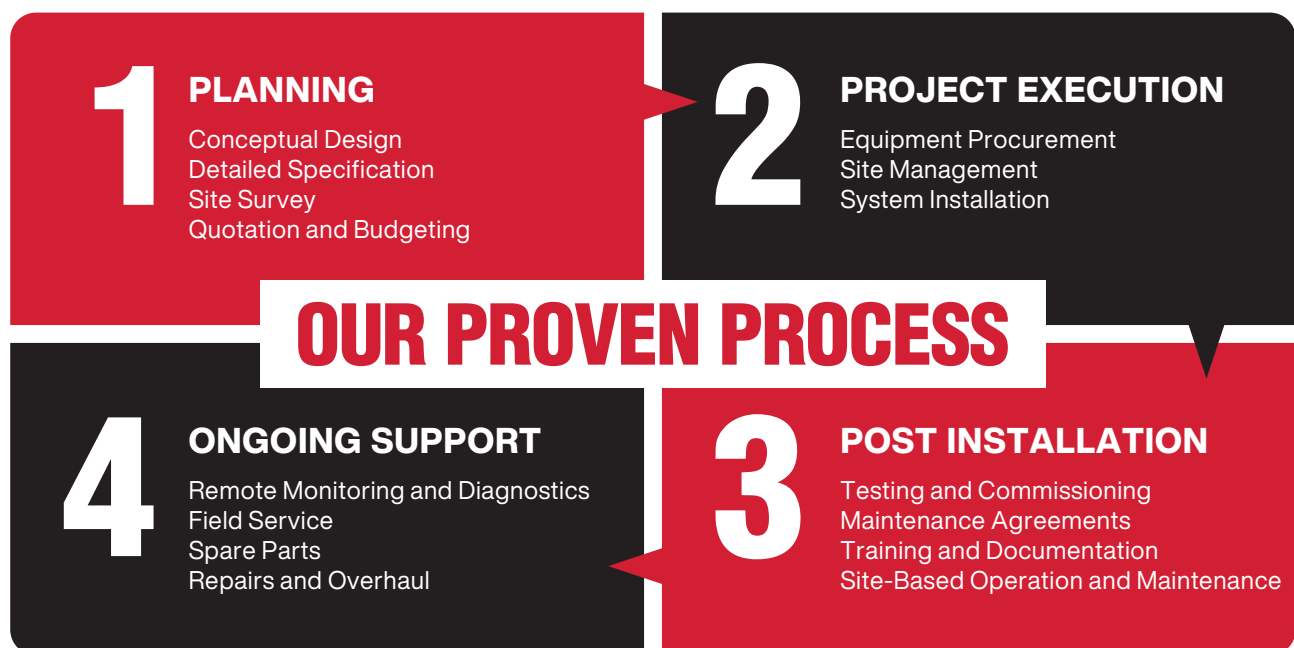
# TOTAL SYSTEM INTEGRATION

**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.

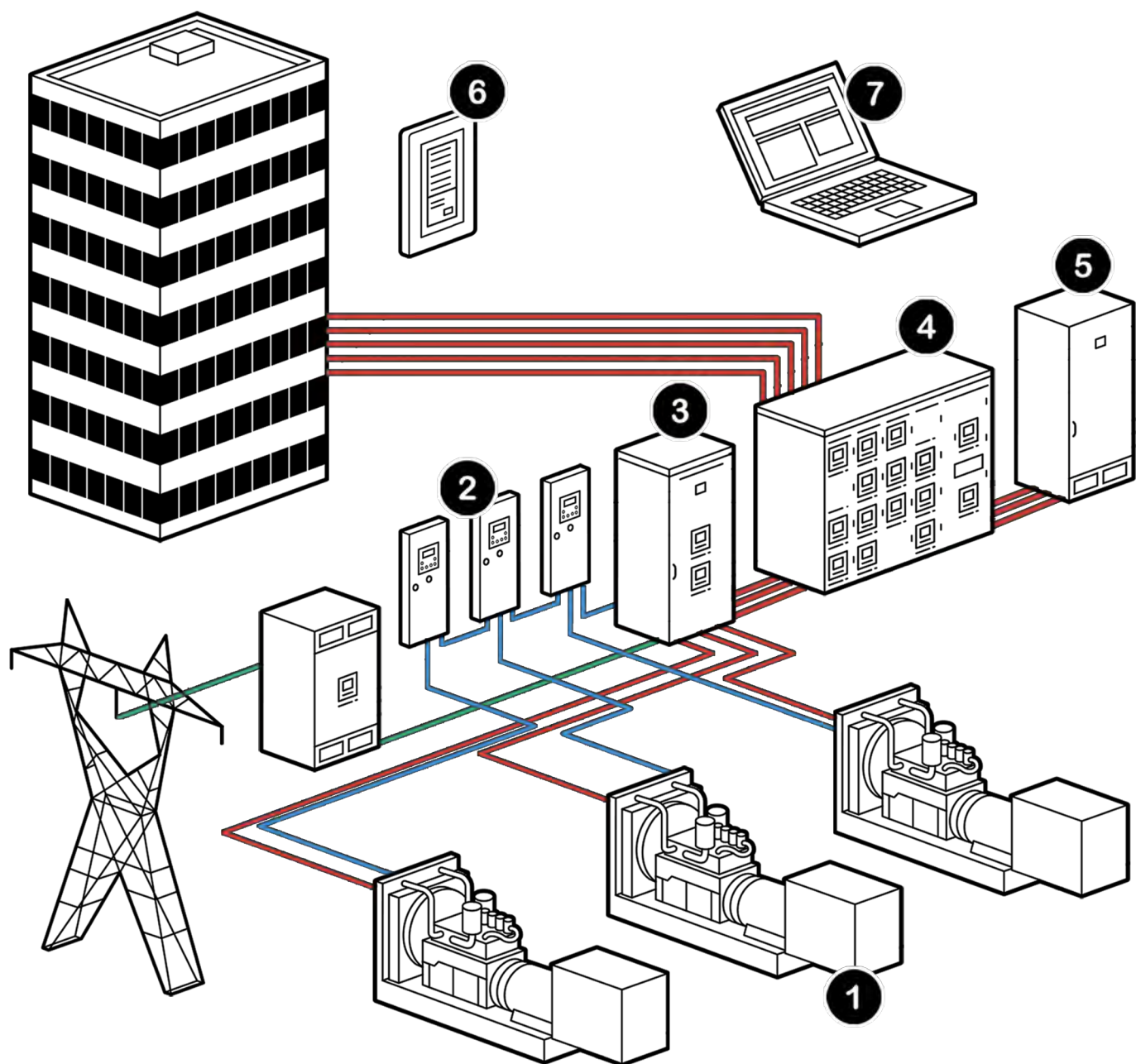
And that's the **ELECTRONIL** Difference.

**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 GENERATORS**  
 Powered by Perkins, Volvo-Penta, or Cummins Diesel Engines, 9 - 3000 kVA
- 2 ENCP 9.1 GENSETS PARALLELING SYSTEM**  
 2-32 Generator set paralleling system with automatic power management and automatic engine run-hour balancing.
- 3 ENCP 9.3/ENCP 6.x TRANSFER SWITCH**  
 40-4000 A Power transfer switches, available in standard, bypass-isolation and service entrance switch configurations.
- 4 ELECTRONIL POWER DISTRIBUTION PANEL**  
 MCB, MCCB and ACB, Up to 6000 Amps.
- 5 ELECTRONIL POWER FACTOR CORRECTION SYSTEMS**  
 Up to 15 steps.
- 6 REMOTE ANNUNCIATOR**  
 Optional remote system monitoring.
- 7 THE SUPERVISOR MONITORING SOFTWARE**  
 Monitors generators and control systems from a PC and Smart Phones (Optional) Modbus or Ethernet.



## HOSPITALITY'S GONE HIGH TECH. **SO HAVE BACKUP SYSTEMS.**

Years ago, hospitality needs were simpler. Hotel guests required little more than a clean room to rest in . And stadium goers were there for the game not all the action surrounding it These days, however, people have much different expectations, and they are driving a huge need for reliable backup power.









## Assessing Facility Needs

Today's critical power needs go far beyond keeping the lights on. Whether they are traveling for work, visiting an amusement park or tourist attractions, people expect a safe, hassle-free experience. That means features we once thought of, as extras, such as Wi-Fi and big-screen TVs, need to be online 24/7 to keep guests satisfied and earn the positive reviews your business depends on.

### Safety

The safety of your guests is of the utmost importance-especially if you are operating a theme park where a power outage could leave guests stranded on a ride. Hotels, stadiums and other entertainment complexes must make safety a priority as well, ensuring fire warning systems, water sprinklers and other safety equipment work during a power outage.

### Location & Sound

Generators must meet electrical and building codes and ensure that placement meets all space requirements for maintenance and safety. In addition, generators must meet any local noise ordinances.

### Beyond Backup Power

Many hotels and other facilities use generators to supplement their power capacity for special events including outdoor weddings, political conferences and large receptions.

# POWER CONSIDERATIONS

Each hospitality facility must be ready to operate without power in the case of weakness in the power grid or even construction accidents.

Yet each has unique power needs based on its design, size and the loads it needs to carry. All of these considerations can lead to a customized solution.



## BACKUP POWER CAN OFFSET PEAK OPERATIONS TOO.

Power Management Programs Can Help Reduce your Facility's Electrical Power Consumption During Periods of High Demand on the Power Utility.





## **ELECTRONIL POWER SOLUTIONS**

**ENGINEERING THE FUTURE Since 1995.**

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