

# ADVANCED GREEN ENERGY AND CONTROL

الشركة المتطورة لتكنولوجيا الطاقة الجديدة والتحكم



More than **20 Years** of experience our staff have in the industrial field

More than **5500 Products** to combine solution, and we strive for more

More than **1350 Customers** we serve in Egypt, Arab World and Africa

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## Who we are ?

Advanced Green Energy and Control "AGEC" offers a huge experience in the industrial field, we have earned a good reputation based on the quality of our products, competitive prices, punctual delivery and the customer support after purchase.

We have formed long term association with most of our clients for many years and we strive to maintain and develop these relations and we always welcome new customers.

تمتلك الشركة المتطورة لتكنولوجيا الطاقة الجديدة والتحكم خبرة في المجال الصناعي وقد اكتسبت الشركة السمعة الجيدة وثقة عملائها من خلال جودة المنتج والأسعار التنافسية ودقة المواعيد وخدمات الدعم الفني.

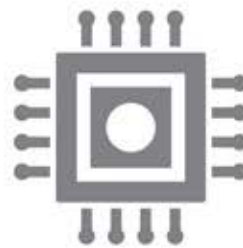
ومن خلال سنوات عديدة من العمل والخدمات التي تقدمها الشركة إلى العملاء قامت الشركة ببناء علاقات وثيقة مع أغلب العملاء وتسعى باجتهد للحفاظ على الثقة والعلاقات المتبادلة وتطويرها وترحب دائما بالعملاء الجدد.

## Vision :

Our pursuit is to be a leading company in supplying high quality products and services for industrial sector by the continuous developing of the products and services we offer which meet the expectations and requirements of demanding customers and the market needs.

## Mission :

Providing all products / services in electrical power, process control and solar energy fields that satisfy our client's requirements in Africa and Middle east.





We Proudly Serve





MEAN WELL Taiwan is a leading standard switching power supply manufacturer in the world, MEAN WELL currently operates under five financially independent but cooperating companies in Taiwan, China, USA and Europe.



تعد شركة MEAN WELL من الشركات الرائدة على مستوى العالم في مجال صناعة أجهزة إمداد التيار المستمر

### AC/DC Power Supply (3 W – 25600 W)



Enclosed



DIN Rail



Open Frame



Medical Power Supply



Configurable



Rack Power Unit



KNX Power



Security



Adaptor

### DC/AC Power Inverter (100 W – 3000 W) (Inputs:12/24/48 V)



True Sine Wave



Modified Sine Wave



Solar





## Battery Charger (120 W – 25600 W)



Stationary  
Battery Charger



Rack  
Battery Charger



Adaptor  
Battery Charger



Programmable  
Battery Charger

## DC/DC Converter (0.5 W – 1000 W)



Enclosed



On Board



Open Frame



DIN Rail

## LED Power Supply (8 W – 1000 W)



Constant Voltage



Multiple Current



Constant Current



IP67 LED Driver



Dimming LED Driver



THE SOLUTION SUPPLIER for applications in electronic pressure measurement technology as well as hydrostatic level measurement worldwide.

شركة BD Sensors الألمانية هي واحدة من أكثر الشركات التي تقدم حلولاً مبتكرة في إنتاج أجهزة قياس الضغط الإلكترونية في العالم



MACHINERY AND PLANT CONSTRUCTION



ENERGY GENERATION AND TRANSMISSION



SHIPPING AND YACHT CONSTRUCTION



FOOD AND BEVERAGE INDUSTRY



ENVIRONMENTAL TECHNOLOGY  
(water/waste water/recycling)



CHEMISTRY / PETROCHEMISTRY INDUSTRY



OIL AND GAS INDUSTRY





Pressure Transmitter



Pressure Switch



Differential Pressure Transmitter



Pressure Gauge



Controller & Data Logger



Hydrostatic Level Transmitter



Piezoelectric Pressure Sensor

## Certificates



# MAXIFLO®

MAXIFLO is a Korean manufacturer of high accuracy flowmeter devices



شركة MAXIFLO الكورية هي شركة متخصصة في تصنيع أجهزة قياس التصرف عالية الدقة



## Ultrasonic Flowmeter



Electromagnetic Flowmeter



Thermal Mass Flowmeter



Glass Tube Flowmeter



Orifice Flowmeter



Turbine Flowmeter



Coriolis Mass Flowmeter

# SONDAR

SONDAR technologies is a reliable provider of ultrasonic measurement instruments and water management solutions.



توفر شركة SONDAR الكورية مجموعة كبيرة من أجهزة قياس المستوى المتطورة والتي تعتمد على الموجات فوق الصوتية (Ultrasonic)



Ultrasonic Level Meter



Ultrasonic Sludge Level Meter



Open Channel Flowmeter





شركة TAIK ELECTRIC هي شركة متخصصة في تصنيع وتطوير أجهزة القياس الالكترونية المختلفة



Intelligent Reactive Power Regulators



Digital Panel Meter



AC Power Transducer



DC Signal Isolated Transmitter



Multifunction Power Meter

شركة COMECO البulgارية هي شركة متخصصة في تصنيع العدادات والمبينات وأجهزة القياس المختلفة (درجة الحرارة - الرطوبة - الضغط - المستوى - التصريف)



RTD Probe



Conductive Level Switch



RTD Indicator



Humidity Probe Transmitter



Paddle Flow Switch



Thermal Flow Switch



Moisture Probe



Conductivity Probe Transmitter



Optical Level Switch



CO2 Probe Transmitter



Digital Indicator



Paragraph Indicator



Programmable Controller



Submersible Float Level Switch



RTD Transmitter



SONEL S.A. is a Polish manufacturer of high-quality measuring instruments for power generation and telecommunications sectors.



شركة SONEL البولندية من الشركات الكبيرة في السوق الأوروبية والمتخصصة في تصنيع أجهزة القياس والاختبار عالية الجودة



Insulation Resistance Meters  
(1KV up to 15KV)



Earth Resistance Meters  
(3P – 4P – two clamps)



Micro-Ohmmeters  
(10 A up to 200 A)



Portable Appliance Tester



DC Hi-Pot Tester  
(25 KV up to 120 KV)



VLF Hi-Pot Tester  
(24 KV up to 57 KV)



Power Quality Analysis



Thermal Imager



IR Thermometer



Wire Tracers



Clamp Meter & Multimeter



Luxmeters





SMC is a leading company that designs, manufactures and market a range of electronic products and solutions for electrical testing, mainly in protection relay field and in general, tests and measurement equipment related to the commissioning and maintenance in substations, power plants and energy systems.



شركة SMC الإسبانية هي شركة رائدة في مجال تصميم وتصنيع أجهزة الاختبار والقياس.



Primary Injection Test Equipment



Secondary Injection Equipment for Relay Testing



Circuit Breaker Analyzer



Micro-Ohmmeter



SF6 Gas Analyzer



Transformers, Motors and Generators Test Equipment



MCB Circuit Breaker Tester  
25A, 100A and 300A



MCB Circuit Breaker Testing System

# Uninterruptible Power Supply and Voltage Stabilizer

AGEC offers a wide range of solutions in uninterruptible power supplies and voltage stabilizers  
تقدم شركة AGECE حلول متنوعة في مجال أجهزة موانع انقطاع الكهرباء وأجهزة تثبيت الجهد

## Uninterruptible Power Supply "UPS"



Online UPS  
1 KVA - 20 KVA



Online UPS  
6 KVA - 10 KVA



Online UPS  
45 KVA - 800 KVA



Online UPS  
10 KVA - 40 KVA



Line Interactive UPS  
650 VA - 3 KVA

## Voltage Stabilizer



Single Phase Voltage Stabilizer  
1 KVA - 50 KVA



Three Phase Voltage Stabilizer  
10 KVA - 3000 KVA



## Solar LED Lighting Systems

AGEC offers different types of solar LED lighting systems  
تقدم شركة AGEC أنواعاً مختلفة من أنظمة الإضاءة الشمسية (LED)



NSP All in One Solar Street Lighting



NH All in One Solar Street Lighting



Split Solar Street Lighting



Solar Flood Light



Solar Wall Light



Portable Solar Light Kit



Solar Pillar Light



Solar Lawn Light



Solar Courtyard Light

# AGEC Products

## Alarm Annunciator with Data Logger

- From 8 channels and up to 40 channels.
- Dual universal power supply with redundant operation and failure monitoring.
- Up to 16000 data logging events with real time clock.
- LCD and Push buttons for local events navigation and deal with alarm.
- Up to 4 free contact outputs, Repeat relay per channel and Internal buzzer.



## Automatic Battery Charger (Analog - Digital)

- Up to 6-pulse rectifier bridge with input isolation transformer.
- Different types of voltage output range: 24 – 48 – 72 – 110 or 220 VDC.
- Rated current: up to 150 A.
- As option, DC output voltage regulator.
- Parameters adjustment via potentiometer or digital depending on the charger series.



## Transformer Tap/ Temperature Indicators

- Universal power supply.
- Resistance, mA, PT100 and voltage measurement capability & mA output feature.
- 7-segment and Keypad to adjust all settings and indicate measurements.
- USB interface with PC for adjusting all settings.
- 24 VDC output voltage for converter supplying.



## Automatic Voltage Regulator for Generators (AVR)

- Soft Start Voltage Ramping.
- Single phase 220 VAC input voltage.
- Volt, Stability and Under frequency adjustment.
- Adjustable exciter voltage limit (24 – 36 – 48 – 60 – 90V).
- Different types of maximum output current (6 – 12 – 25 – 50 – 100 – 150A).



## Over & Under Voltage Protection Relay

- Isolated universal power supply.
- AC 3 phase / DC Over & Under Voltage Protection.
- Positive & Negative Earth Leakage Protection.
- Up to 6 free contact outputs
- LCD and Keypad to adjust all settings, indicate measurements and fault conditions.



## Under Voltage DC & Earth Leakage Protection Relay

- Isolated universal power supply.
- DC Under Voltage Protection.
- Positive & Negative Earth Leakage Protection.
- Up to 2 free contact outputs and 12 VDC output.
- LCD and Keypad to adjust all settings, indicate measurements and fault conditions.





# Our services

## Maintenance

AGEC has a total maintenance solution in several industrial sectors:

- Power Supplies – UPS – Battery Chargers - Power Inverters
- Industrial computers
- HMI (Siemens- ABB - Allen Bradley -Schneider)
- Feeder and Transformer protection relays (GE – Siemens - ABB - Schneider)
- Primary & Secondary injection devices (SMC - Megger - ISA)
- Battery resistance measurement devices
- Circuit breakers test devices
- Meter test equipment
- Speed inverters
- Soft starters
- Flow controllers
- Level meter controllers
- Digital indicators

## Calibration

AGEC calibrates all instrumentation equipments and gas leakage detectors, calibration is carried out in our laboratory or in site and the company gives a calibration certification accredited from ABB

تقوم الشركة المتطورة بعمل معايرة كاملة لأجهزة الفحص والقياس الكهربائية والإلكترونية والميكانيكية في شتى مجالات العمل الصناعي. وتعطي الشركة شهادة معايرة معتمدة من ABB

## Special orders

AGEC has a huge experience in:

- Handling industrial problems and providing electronic base optimal solutions.
- Designing and implementing different panels (Generator panels, Motor panels, Synchronization panels, ATS panels, etc.)

للشركة المتطورة خبرة عملاقة في التعامل مع المشكلات الصناعية ووضع الحلول المناسبة لها كتصميم الكروت الإلكترونية التي لها نطاق واسع في التعامل مع المتطلبات المتعددة والمعقدة

## Installations

The company installs all provided equipments.

لدى الشركة المتطورة امكانية تركيب كل المنتجات التي تقوم بتوريدها



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