

Over **60** years
of EXCELLENCE

COMPANY PROFILE
& PRODUCT OVERVIEW

INDUSTRIAL



PROGRESS
SMART SOLUTIONS SAL
Your reliable partner



ABOUT US

From the date of its establishment in 1962 by Mr. Georges Saikali, PROGRESS ENGINEERING & TRADING ENTERPRISES is specialized in the trading of the electrical industrial devices and the manufacturing of all kinds of Electrical Distribution Boards and Control Panel-boards.

In 1963 "PROGRESS" became the exclusive agent and representative of the famous German Company KLOCKNER-MOELLER, as well as many other leaders in the field of industrial electricity.

In 1970 "PROGRESS" was awarded a very important contract for the U.A.E. for the supply of hundred substations Distributions Boards and Feeder Pillars. This was a turning point for the Company, as it had to equip its factory with the up-to-date machinery, the High Voltage testing facilities (up to 5000 Volts 50HZ) and the Load testing facilities (up to 3000A), as all panel-boards had to be "Factory Tested" and "Released" by the Lloyd Register of Shipping, who delegated a resident engineer for all the duration of the project.

Starting in 1992 " PROGRESS " has developed and strengthened its Industrial Electronic Controls division. Its Engineering Division has designed, programmed and executed several projects involving PLCs, Touch-Panels & SCADA SYSTEMs to the great satisfaction of its clients, and is now using the latest technology of SCADA platform with ERP integration.

As of 2001, "PROGRESS", strongly entered the building and home automation field by distributing European wiring devices and Moeller RF automation systems, EIB systems, Access Control, Lighting systems using LED & Induction technology, Video -phone Systems, AVR and UPS systems.

In 2007, PROGRESS BUILDING MATERIALS QATAR W.L.L was established in Qatar and has been successfully active in the field of Architectural and Decorative luxury lighting as well as smart control lighting systems for Hotels, Palaces and Tower projects.

In 2015 "PROGRESS" has launched a department dedicated to Architectural and Decorative luxury lighting fixtures as well as wiring devices, smart control lighting systems, CCTV and access control systems.

In 2021 "PROGRESS" has entered the market of ESS solutions using Lithium batteries & Hybrid Inverters from the Italian leading company WECO S.r.l.

In 2023, PROGRESS ENGINEERING & TRADING ENTERPRISES was officially registered under SAL Incorporation. Moving forward, we are expanding our offerings to include not only products but also comprehensive solutions. As part of this transition, we will operate under our new name: **PROGRESS SMART SOLUTIONS SAL**, with the following details:
VAT No: 3851879-601
Address: Pharaon Building, facing EDL, Al Nahr Street, Beirut, Lebanon
Tel : +961.1.444664
Email: smart@progresselectric.net



VALUES

CUSTOMER SATISFACTION

We are dedicated to satisfying our customers; we believe in respecting and listening to their requests and understanding their expectations. We strive to exceed their expectations in affordability, quality and on-time delivery.

INNOVATION

We innovate in everything, from products to processes. We are creative in delivering value to our customers and community, anticipate change and capitalize on the many opportunities that arise.

COMMUNITY AND ENVIRONMENT

We strive to help and improve the communities where we work and live. We are concerned about the environment and promote the use of green products.

INTEGRITY

We act with honesty and integrity, no compromises taken, abiding to the highest ethical standards and demonstrating honesty and fairness in every action that we take.

PASSION FOR DETAILS

We show pride, enthusiasm and dedication in everything we do. We are committed to deliver high quality products and services.

MISSION

PROGRESS objective is to be the market's leading system integrators and solution providers of high-end products including home automation, lighting, access control, audio visual systems and renewable energy solutions among many other electrical components.

VISION

To be the preferred and most trusted source of high end electrical systems and serve our customers with continuous innovation and integrity.



OUR SERVICES

PROGRESS SMART SOLUTIONS SAL has the capability and experience to execute a wide range of projects of any size and complexity in the scope of:

1- ELECTRICAL PANEL BOARDS:

- Power Distribution Boards assembled as per iEC 2 61439 1
- ATS: Automatic Transfer Switches
- MCC: Motor Control Centers
- Load - Sharing Systems
- Automatic Power Factor Correction Banks
- Synchro - Totalizing Boards

2- BUSBAR TRUNKING SYSTEMS UP TO 7500A.

3- SCADA SYSTEMS & PLC - PC BASED INDUSTRIAL & BUILDING AUTOMATION SYSTEMS.

-4 LIGHTING SOLUTIONS USING LED FOR BUILDINGS & INDUSTRIAL APPLICATION.

5-UNINTERRUPTIBLE POWER SUPPLIES UPS & AVR

6- PHOTOVOLTAIC PANELS & GREEN TECHNOLOGY

-7LITHIUM BATTERIES STORAGE SOLUTIONS

The background is a solid blue color. Overlaid on this are several thick, semi-transparent blue lines that curve and overlap in a complex, abstract pattern, resembling stylized orbits or a network. The lines vary in opacity, with some appearing more prominent than others.

INDUSTRIAL

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GREEN TECHNOLOGY





We have proudly represented since 1978 GHISALBA who designs and manufactures in Italy the broadest selection of three-pole and four-pole contactors for international markets. They offer the most comprehensive range of contactors, from 10A up to 1200A AC3 & 2000A AC1.

Their product portfolio includes:

- AC Industrial contactors 3 & 4 poles 10A up to 1200A AC3 & 2000A AC1
- DC Industrial contactors up to 1000VDC
- Switch disconnectors up to 3150A
- Magneto-thermic motor protection switches up to 100A
- Modular contactors up to 63A
- Soft starters up to 2700A, 1000V
- Medium voltage soft starters up to 2700A, 15kV



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GREEN TECHNOLOGY





T Cam switches
P switch-disconnectors up to 315A



LS position switches MCS
pressure switches, sensors



RMQ pilot devices FAK palm switches
SL signal towers



Circuit-breakers, fuses



Easy control relay
MFD-Titan multi-function display



Automation solutions



Mini contactors & contactors up to 2200A-AC1



Smartwire Darwin communication system



Molded Case Circuit-Breaker NZM up to 2000A
Compact switch-disconnectors N, PN up to 1600A



Air Circuit-breakers Magnum & IZM up to 6300A
Switch-disconnectors up to 6300A



INDUSTRIAL

(Who bought all of "MOELLER" activities in the early years of this century)
* Low Voltage Industrial Switchgears, Circuit-Breakers, ACBs, MCCBs, MCBs, Contactors, Overloads, Motor Starters, Soft Starters, Isolating switches IP65, Limit Switches, Timing Relays, Command devices & LED signaling lights, Floor Standing, Surface & Recessed Sheet Steel Cabinets, TTA Form 1 to Form 4, & Fiber-glass polycarbonate Enclosure IP65.



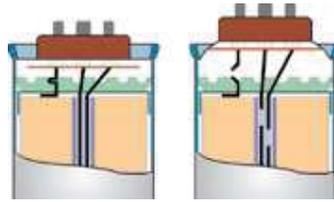
- * PLCs, Touch-Panels, SCADA systems for building & Industrial Automation.
- * Low Voltage Building Switchgears:
 - MCBs, RCBOs, Modular devices, RF Home Automation, Surface and residential apartment Panel Boards.
 - Data & Fiber Optic Connectors & Panel Boards (Austria).
 - Variable -Frequency Drives.
 - xEnergy type tested switchboard systems up to 5000 A



GREEN TECHNOLOGY







FRAKO Modules for Power Factor Correction

FRAKO power capacitors are renowned for their high quality offering the special features of : over pressure disconnection system, self-healing effect & use of patented segmented film. Our modules and mounting plates make the assembly of power factor correction systems particularly straightforward, on control cabinet, such as Siemens (SIVACON), Rittal (TS), Hensel (SAS 2000), KÖHL (ModuCon), NATUS (ENERGON) and Eaton (xEnergy, Modan).

FRAKO modules are particularly suitable for integrating power factor correction systems in type-tested low voltage switchgear designs. Our modules are therefore popular with control panel builders and OEM customers.

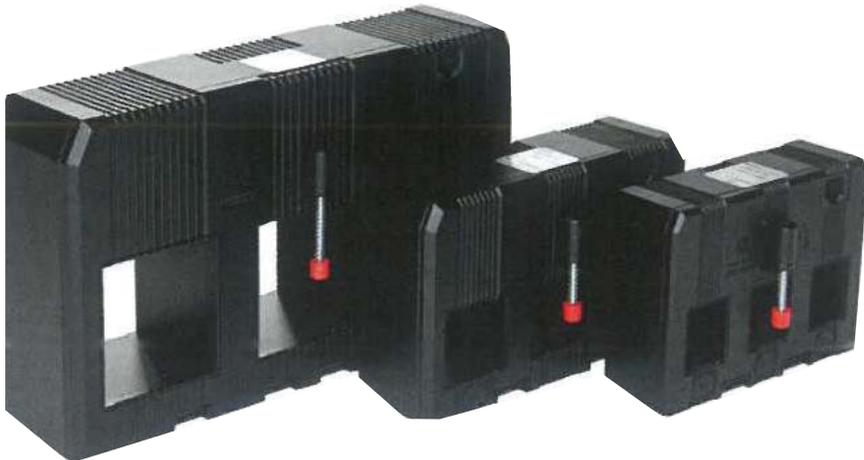
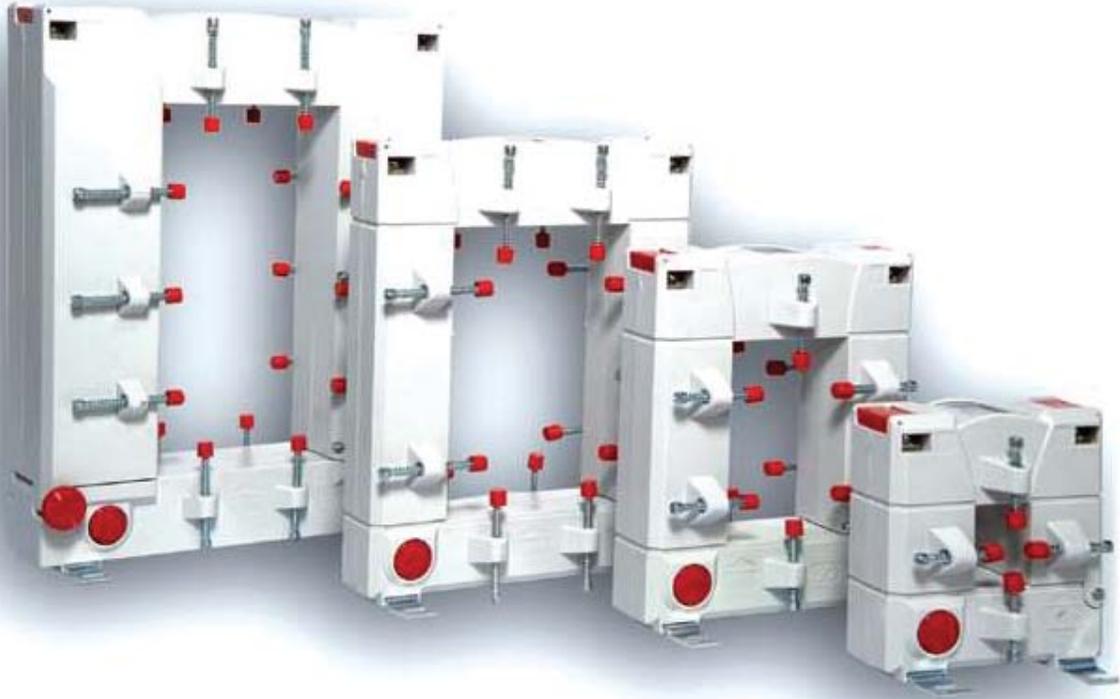


INDUSTRIAL



GREEN TECHNOLOGY







Current Transformers

With our large range of current transformers combined with customer oriented specialists, the MBS will always be able to offer a tailor-made solution for their low voltage current transformers requirements.

ASK (Plug-in current transformers)

For primary nominal currents from 30 A up to 7500 A, secondary nominal currents 5A or 1A,

KBU (Split core current transformers)

For primary nominal currents from 100 A up to 5000 A, secondary nominal currents 5A or 1 A, classes 0.5 and 1. The locking mechanism of the current transformers is to be opened for the installation and is to be closed when the unit is in place; an audible click ensures that the circuit is closed.

DACT core balance transforme

FASK flexible Rogowski Coils

ASKDS three phases CT "Quick Connect"



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GREEN TECHNOLOGY







CRE Technology offers a complete range of products from start/stop controller, auto mains failure, auto transfer switch to remote monitoring and to the more advanced all-in-one modules with synchronization, load sharing and PLC features.

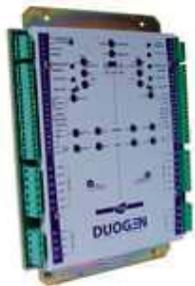
CRE range of battery chargers are designed to supply constant voltage to the battery with reverse power protection and a permanent connection and a maximum efficiency. Three ranges of products; the BP, the BPR (B), and the compact series from 3 to 20amps. With or without failure output relay and an AC input range from 85 to 264 VAC. The failure output relay notifies a failure on the integrated protections, with or without boost function.

- .Economic
- .Easy to use
- .opEX Feature
- .CAN Bus J1939

Automain-FAILURE



Duogen



Gensys compact

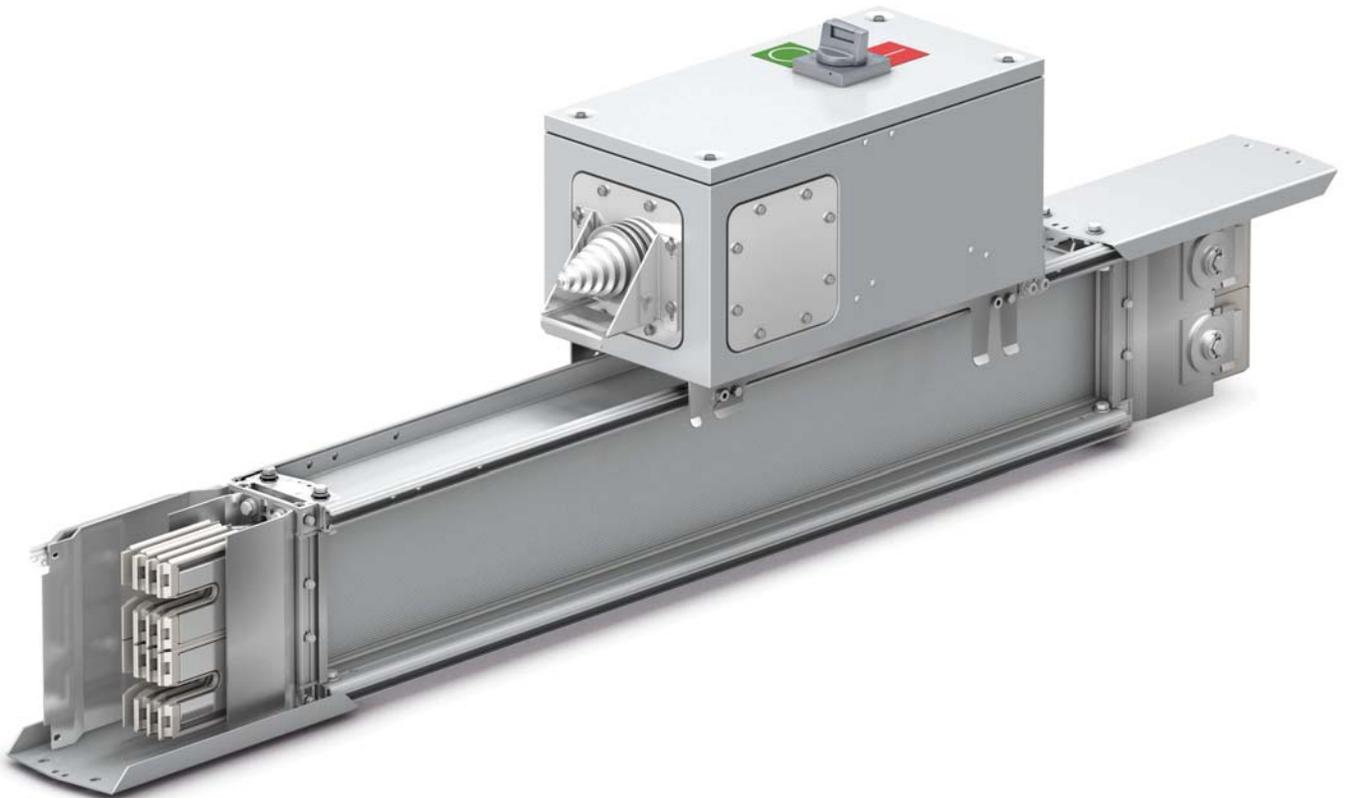


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SIEMENS

Busduct System

Busbars Trunking Systems, Copper or Aluminum conductors for Industries, Shopping Malls and High Rise Buildings application.



SIVACON 8PS
busbar trunking systems



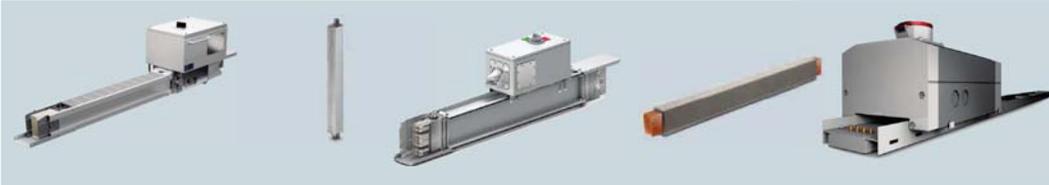
LD system

LDM system

LI system

LR system

BD system



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GREEN TECHNOLOGY





EMPOWERING
YOUR WORLD
WITH PRECISION



ALBEREX UPSs are designed specifically for ultimate protection of high-tech equipment. The system provides outstanding reliability together with high efficiency and advanced battery care to guarantee lower running costs by design. With its microprocessor controlled diagnostic LCD display, the Alberex UPSs are advanced and user friendly aimed to interface with today's most sophisticated data processing equipment.



INDUSTRIAL



GREEN TECHNOLOGY





GREEN TECHNOLOGY

Green is a philosophy and social concern for the conservation and improvement of the environment.

PROGRESS is part in this emerging market and help customers achieve these goals by providing capabilities to reduce energy consumption, use alternative materials, optimize the supply chain and other initiatives. We help our clients identify and prioritize opportunities driven by the powerful trends of emerging technologies and green products:

- Photovoltaic panels
- Motion/Absence detectors
- LED (energy saving)



GREEN TECHNOLOGY



WECO





**WECO – Italy
Storage Systems - ESS**

Leaders in high-performance lithium batteries, WECO provides innovative energy storage solutions tailored for both residential and industrial applications.

Residential Systems: Scalable solutions starting from 4.4kWh.

Industrial Systems: High-capacity systems up to 2MW.

Solar Smart Hybrid Storage Systems: Advanced storage systems integrated with EMS (Energy Management System). Energy Storage Containers: Flexible and efficient storage solutions, with capacities up to 5.0MWh.



•5K0 PRO BATTERIES
Plug-and-play energy storage system for residential applications.
Capacity: 5.1kWh ~ 61.4kWh



•5K3 XP DUAL BATTERIES
Versatile dual-voltage battery for residential and commercial use.
Capacity: 5.37kWh ~913kWh



•4K4LT BATTERIES
Lightweight, low-voltage module for residential applications.
Capacity: 4.4kWh ~ 462kWh



•SUN BOX ALL-IN-ONE
Plug-and-play balcony storage system.
Capacity: 1.9kWh ~ 5.8kWh

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GREEN TECHNOLOGY



Inverters

•H-ESY INVERTERS

Three-phase compact inverters for residential use.

Power: 6kW ~ 15kW



•XT SERIES INVERTERS

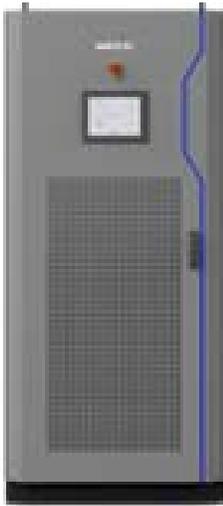
Split-phase hybrid inverters for on/off-grid applications.

Power: 6kW ~ 10kW



HYBO SERIES INVERTERS

Hybrid inverters for BESS (Battery Energy Storage Systems):



•HYBO OUTDOOR:

120kW ~ 300kW

•HYBO TL (Indoor Transformer-Less):

120kW ~ 300kW

•HYBO CS (Built-In Transformer):

100kW ~ 500kW

Advanced Solutions

•A-KOOL BATTERIES

Air-cooled lithium battery cabinets.

Capacity: 115kWh ~ 215kWh

•LI-KOOL BATTERIES

Liquid-cooled lithium battery cabinets.

Capacity: 232kWh ~ 373kWh

•A-KOOL AIO ALL-IN-ONE

Air-cooled all-in-one hybrid inverter + outdoor cabinet.



GREEN TECHNOLOGY



UTILITY SCALE Energy Storage Container

•5M0 HIGH VOLTAGE CONTAINER

Scalable energy storage container for sustainable energy management.

Capacity: 5.0MWh



EV Chargers

•ZEER B.C

Wall-mounted or free-standing eco-friendly AC charger for electric vehicles.

Power: 7kW ~ 22kW

•TOWER B.C

Community/commercial AC charger with charging gun support.

Power: 2x22kW

•REXX A.D

Fast and efficient EV charging station for sustainable mobility.

Power: 120kW

•CLARK A.D

Eco-friendly DC charger for electric vehicles (CCS2).

Power: 40kW



The background is a solid blue color. In the upper half, there are several overlapping, curved lines in various shades of blue, creating a sense of motion and depth. The lines are smooth and fluid, resembling stylized orbits or paths.

LIGHTING

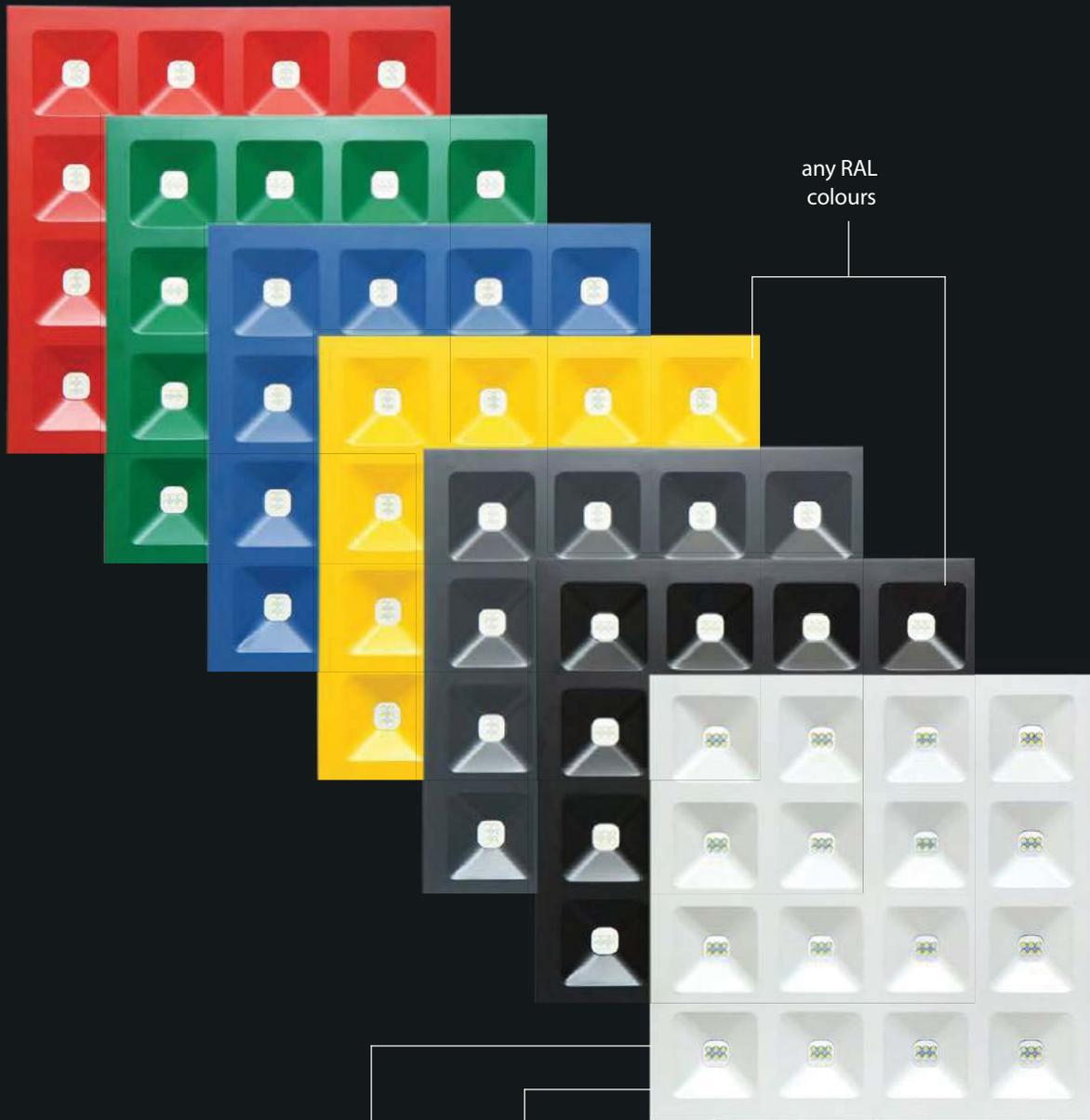
LED line



Since 2008, PROGRESS has developed a portfolio of outstanding lighting brands.

In addition to the extended range of products available, PROGRESS always aims to provide customers with consultancy, site analysis, illumination measurements, performance analysis and customized designs for optimized solutions in architectural and decorative lighting.

Today's technology allows us to offer hi-power LED to replace conventional lighting.



any RAL
colours

10-1 V
dimmable

flicker
free

36-15W
multipower

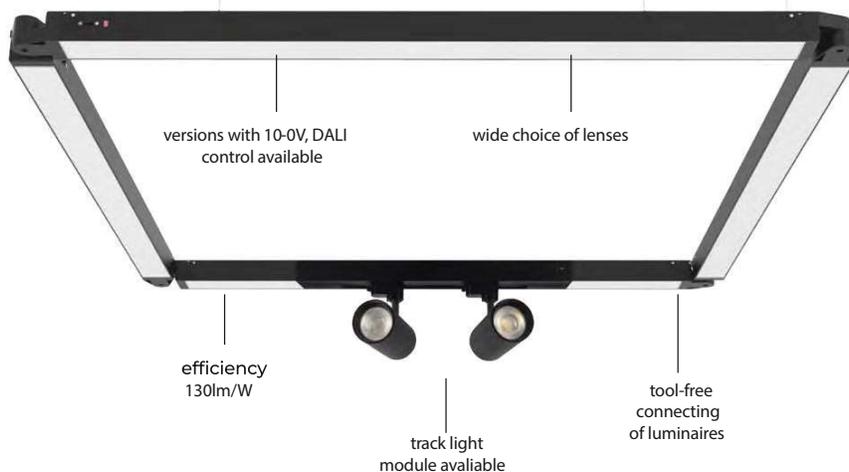
UGR<16

efficiency
140lm/W

LED PANEL
DIORA

LED line

At LED Line, we constantly strive to improve our products to meet the growing demands of the market. The new solutions we introduce are the result of intensive research and development, focused on innovation and optimization. As a result, our products are not only more efficient, but also have exceptional durability and versatility of application. Our novelties respond to the current needs of our customers, offering them the highest quality, reliability and modern design that perfectly fits into a variety of lighting projects.



LIGHTING

LED line







Each range of product has a specific and strategic positioning, offering real answer to professional needs in terms of design, performances, lifetime and cost.

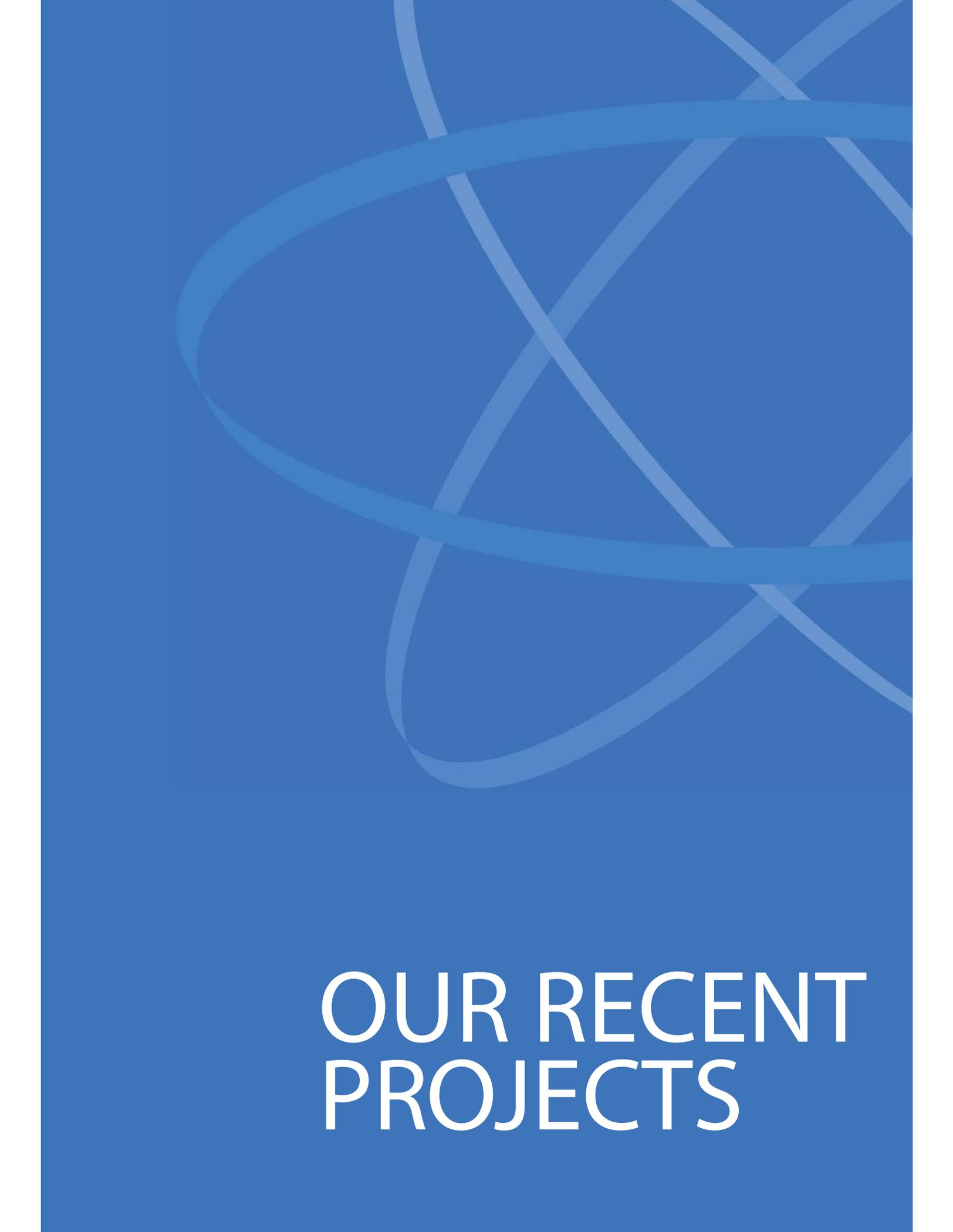
Below, the different environment in which KAPSEA aim to help providing innovative and smart solutions.

Industrial environment:

- Powered by an electronic ballast 110-277V-AC
- Special lighting designed to answer industrial requirement (corrosion, water/dust resistance, high-voltage input...)

Outdoor lighting: Professional outdoor lighting fixture, designed for 24/7 utilization.



The background is a solid blue color with several overlapping, curved, light blue lines that create a sense of motion and depth. The lines are of varying thickness and curve in different directions, some resembling orbits or paths.

OUR RECENT PROJECTS



Since its establishment, PROGRESS has managed to cover a wide variety of valuable projects.

OUR RECENT PROJECTS



BYBLOS MUNICIPALITY - LEBANON

LE GRAY HOTEL (BAB EL SARAY)

Busbar Trunking System 1600, 1000, 800 & 630A

BEIRUT TOWER

Busbar Trunking System 400A

FURTHER PROJECTS IMPLEMENTING

PLC&SCADA control

ST. GEORGES TOWERS – ACHRAFIEH

Wiring devices Niko & DP of all 190 apart. Control of all electro-mechanical installations; lighting, BMS system for pumps, access and security systems, HVAC, Boiler system with calorimeters. Calorimeters invoicing from the main control room.

ZAHLE GOVERNMENTAL HOSPITAL

BMS Systems based on MOELLER PLC.
All MDB & DP

TRANSMED TOWER - DOWN TOWN

BMS System: monitors HVAC, fault display, alarm and phone dialer in case of emergency.

VILLA GHANDOUR - SHOUF

BMS using MOELLER PLC & PLC Interface

VILLA KHOURY - YARZE

Monitor and control electro-mechanical applications using PLC & Touch Screen

VILLA HJEIJ - DEIR ANTAR

Monitor and control electro-mechanical applications using PLC & Touch Screen

DAR MANSOUR RESIDENCE

Main Distribution & Secondary Panels
Load Sharing Gen-set + EDL
BMS, Lighting Control & Niko Wiring Devices
CCTV system connected to DVR & iPhone

BEST WESTERN HOTEL - NEW SALATA.

Home Automation: (Not limited to lighting control/HVAC control/Audio system/Intercom/Burglar system/CCTV...)

TOTAL – NIGERIA

HVAC panels

READY PRINTING - LEBANON

UPS totalizing panel and distribution board

DAVENPORT - GHANA

MDBs and ATs

CREDIT LIBANAIS BANK - HEADQUARTER

MDBs, MCCs, Totalizing, Main ATs, All distribution panels.

ZAHHAR VILLA

Custom made Architectural Lighting Atena-lux Linear high-power LED

BYBLOS MUNICIPALITY - LEBANON

MBD and Building alarm system

MOVENPICK HOTEL CENTRAL POWER UNIT - LEBANON

Monitoring, managing and load sharing of : 200 Digital I/O and 250 Analog I/O for 5 Generators 1000KVA + 5 Transformers 1000KVA each using PLC & Touch Screen connected to SCADA on PC.



TRANSMED INDUSTRY MKALLES - LEBANON



FRANSABANK HEADQUARTERS – HAMRA LEBANO

DANA BUILDING

ATS & Distribution Panels / MCC Panels
Emergency Distribution Board
Power & Lighting Panels

HOPITAL ALBERT HAYKAL

Distribution Panels

CENTRAL BANK OF LEBANON

Power Factor Capacitor Bank & Distribution Panels

VILLA ATTIAH

Main Distribution Boards
ATS & Distribution Panels.

SIOUFI GARDENS

Main Distribution Boards
ATS & Distribution Panels

CROWN FLOUR MILLS

Synchro & Totalizing
Power Factor Capacitor Bank

OURJOUAN BUILDING

Main Distribution Boards
Distribution & Lighting Panels

RESIDENCE ILHAM GHANDOUR RESIDENCE

Main Distribution & Control Panels

PATISSERIE CREMINO

Synchro Panels 3 Gensets and panels

BACH SNACKS

Genset & EDL Control Panels

WILLIAM DOUMIT VILLA

Load Sharing 3 Gen-set + EDL

ADVANCED TECHNOLOGY & SERVICES SAL

Load Shedding Control Panel
Supervision Panel Board "BAS"

SAMA BEIRUT - LEBANON

Capacitors Busbartrunking 2500A , 2000A, 2000A, 1000A
Power Factor Capacitor Banks

TRANSMED INDUSTRY MKALLES - LEBANON

All panels and extension panels

ACHRAFIEH 3 TOWERS

Distribution Panel & Load Management
Main distribution & ATS Panel

FESTAC HOTEL (LAGOS)

Dimming Panels
Main distribution Boards & ATS Panels

INTERNATIONAL COLLEGE - NEW BLDG BEIRUT

Main Distribution Switch Board
Main Emergency Distribution Switch Boards
Distribution & Power Panels
ATS & Lighting Panels
Motor Starter & Motor Control Centers Panels

SOUKS OF BEIRUT

Busbar Trunking System 3200A, 2500A, & 2000A

PLATINUM TOWER

Busbar Trunking System 2500A & 1600A
Power Factor Capacitor Bank

SUMMERLAND HOTEL & RESORT

Busbar Trunking System 3200A , 2000A & 1600A

BAY TOWER

Busbar Trunking System 400A

BEIRUT GOVERNMENT UNIVERSITY HOSPITAL

MCC Panels
Busbar Trunking System 7500A

BENTA FACTORY PHASE 1 & PHASE 2

MDB & Secondary Panels
MCC Panels ATS 4x2000Amp

METROPOLITAN CITY CENTER (HABTOOR)

Busbar Trunking System 3200, 2500, 2000 & 1600A

ABC MALL

Busbar Trunking System 3200A

FRANSABANK HEADQUARTERS – HAMRA LEBANON

MDBs, Totalizing , MCCs, Capacitors
Busbartrunking 3200A, 2500 A



Credit Libanais - Headquarter



Sama Beirut

LEBANON

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53 Papinien str. Rmeil

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