



Mideast Energy Solutions SAL  
An ITG Company

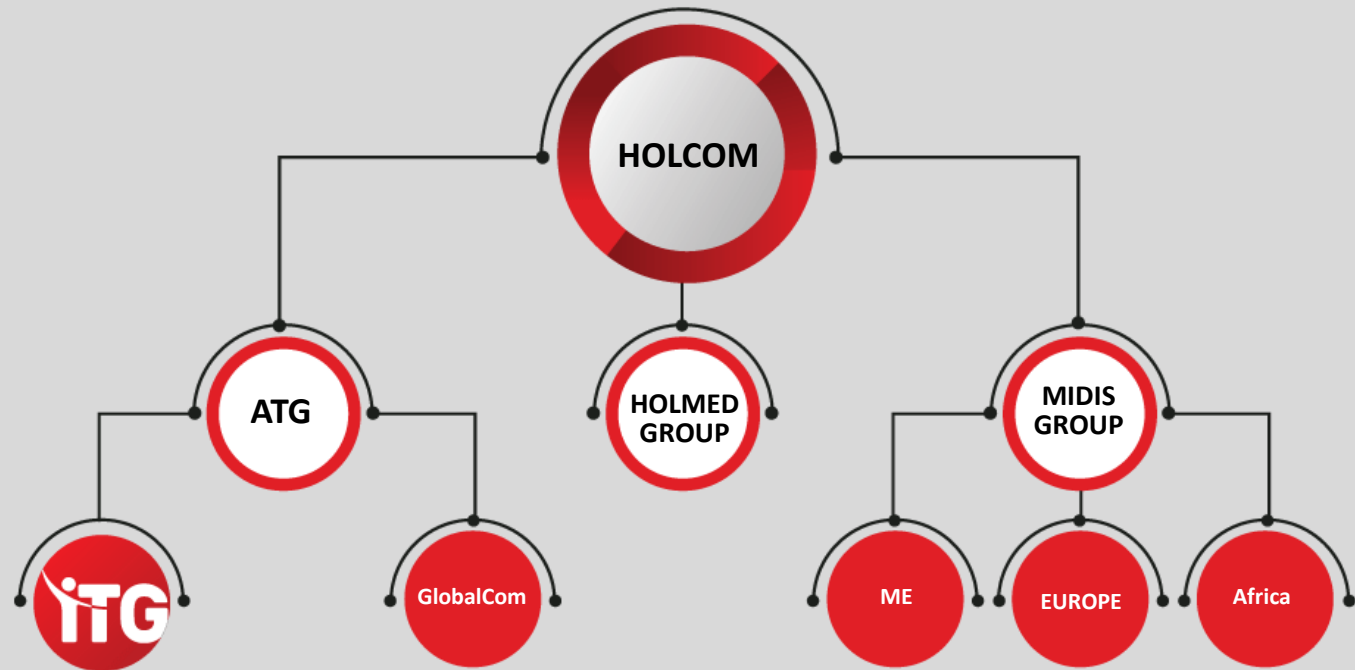
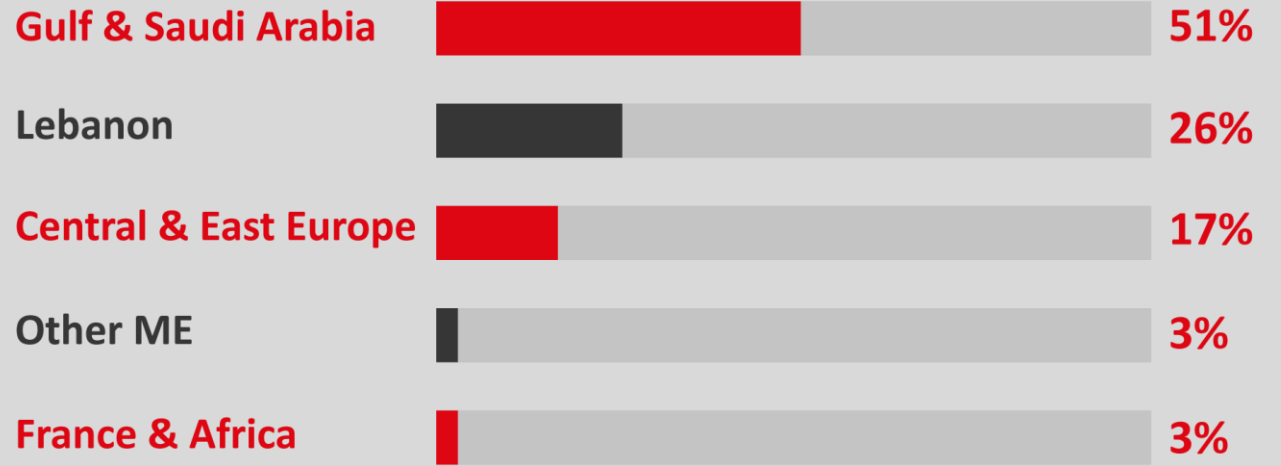
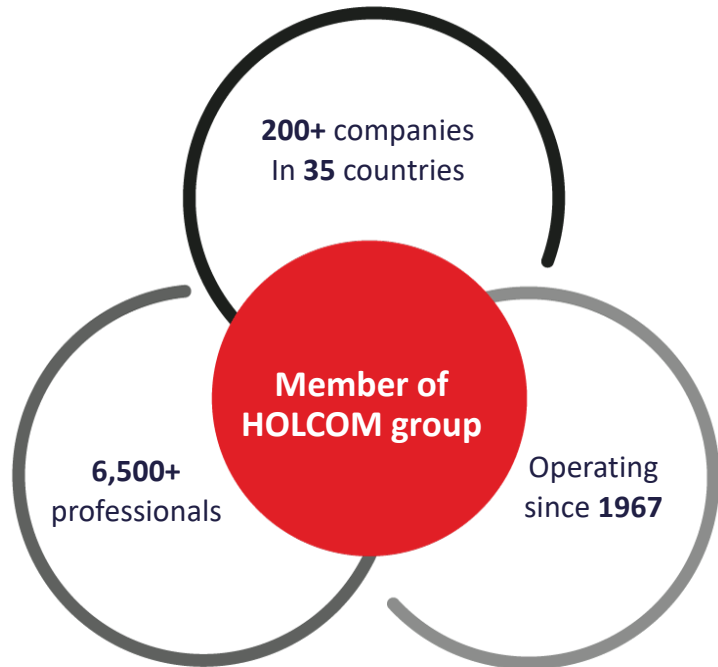
# Corporate Profile

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**Malek Chehab**  
General Manager

# OUR ROOTS

- **Mideast Energy Solutions**
  - Part of ITG (Holding)



# OUR AFFILIATES

## Software & Solutions

AMIST

BRITGE

IMS

ITB

KLAREO

MDSL

PRIMEWARE

## Enterprise & Services

ABSEGA

CORRUS

COPYTECH<sup>SM</sup>  
SMART BUSINESS SOLUTIONS

Crystal  
Networks

MIDWARE  
data systems

TELESUPPORT  
International

## Site & Power

ECOSYS

MES  
Mideast Energy Solutions

MPS  
Mideast Power Systems

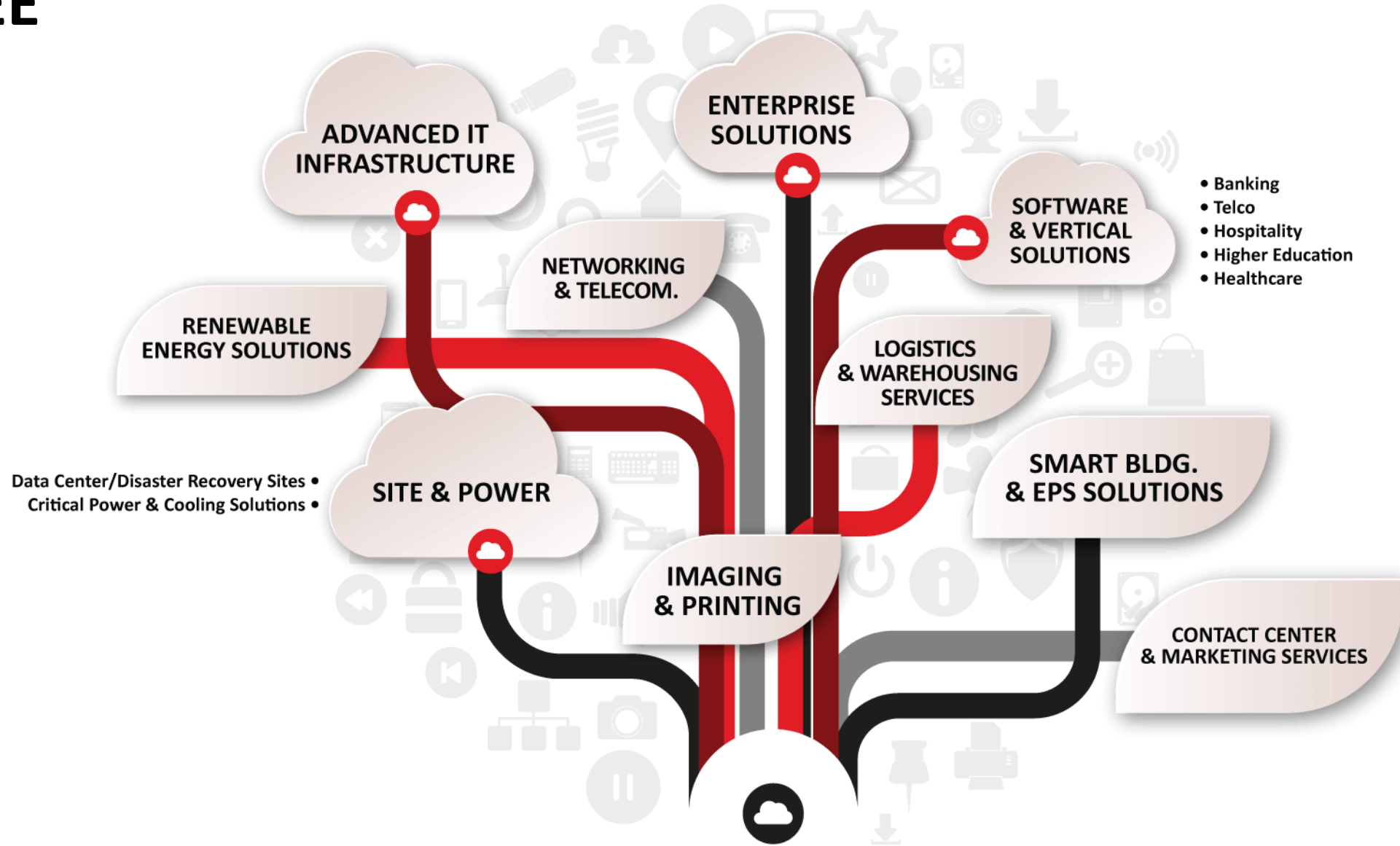
## Distribution & Retail

460estore  
An ITG Company

PCDealNet

TREME  
LOGISTICS

# OUR SOLUTION TREE



Also available as a CLOUD-based service

# INTERNATIONAL PRESENCE



# MES ACTIVITY

Exclusive distribution of industrial batteries\* in various countries in the Middle East & North Africa, since 2007.

Lebanon, Bahrain, Cyprus, Egypt, Jordan, Kuwait, Oman, Palestine, Qatar, Saudi Arabia, Sudan, UAE, Yemen

## Industrial Batteries

*Since the early part of the 20th century Yuasa has been at the forefront of lead acid battery technology, embracing new developments, applying research and investing in modern production plants to meet the challenges of a power hungry world. The Yuasa battery range provides what is possibly the widest choice of types from a single source to meet most known applications.*



# YUASA ACTIVITY

The considerable investment in European manufacturing facilities, the establishment of a European network of 6 fully owned companies, and the constant search by Yuasa to provide even more reliable power from smaller batteries, has resulted in the company's current position:

**No.1 in Europe!**

**GS Yuasa Inc. Japan** is the second largest manufacturer and supplier of Valve Regulated Lead Acid (VRLA) batteries with global manufacturing plants (UK – Taiwan – China) and an extensive marketing and distribution network throughout the World



# YUASA ACTIVITY

## GS Yuasa Corporation JAPAN

10 Business companies JAPAN

GS Yuasa International Overseas business management  
44 overseas companies / 21 countries

### Automobile

Yuasa Battery Guangdong  
Ztong Yee Industrial  
Toplite Technology Battery 3 in  
China

### Industrial

Yuasa Battery Europe Limited  
UK

### Motorcycle

Taiwan Yuasa Batteries  
Tianjian Tong Yee Industrial 2  
in Taiwan

YB UK  
Manufacture  
R & D

YB UK  
Sales

YB France  
Sales

YB Italy  
Sales

YB Iberia  
Sales

YB EU  
Sales

Morocco  
Middle East  
Africa

Rest  
Europe

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### Automobile

Yuasa Battery Guangdong Ztong Yee Industrial Toplite Technology Battery 3 in China

### Industrial

Yuasa Battery Europe Limited UK

### Motorcycle

Taiwan Yuasa Batteries, Tianjian Tong Yee Industrial 2 in Taiwan

- **YB UK** Manufacture R & D
- **YB UK** Sales
- **YB France** Sales
  - Morocco Middle East Africa
- **YB Italy** Sales
- **YB Iberia** Sales
- **YB EU** Sales
  - Rest Europe



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YB Italy  
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YB Iberia  
Sales

YB EU  
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Morocco  
Middle  
East  
Africa

Rest  
Europe



# MARKET SECTORS



Security &  
Alarm Systems



Emergency  
Lighting Systems



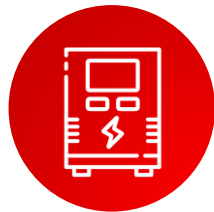
CCTV



Electronic  
Applications



Telecom



UPS



# RANGES & APPLICATIONS



## NP Series

Valve Regulated Lead Acid Batteries  
Cyclic Application



## NPC Series

Valve Regulated Lead Acid Batteries  
Cyclic Application

- NP/NPL – 0,8 Ah to 200 Ah
  - All applications Standby & Cyclic (Alarm, Security, Telecom, UPS, Energy, Toy, Solar, Wind...)
- REC & NPC – 10 Ah to 100 Ah
  - Cyclic applications (Electrical Vehicle, Solar, Wind, Tools, Lamp, Toy...)

# RANGES & APPLICATIONS



## SWL Series

Valve Regulated Lead Acid Batteries  
Fast Discharge

- SWL – 24 Ah to 150 Ah
  - EUROBAT 10 - 12 years
  - Excellent performance with fast discharge



## EN & ENL Series

Valve Regulated Lead Acid Batteries  
High Capacity Standby & Cyclic

- EN/ENL – 80 Ah to 540 Ah
  - EUROBAT 12 - 15 years
  - Long service life



## SWL+

Valve Regulated Lead Acid Batteries  
Fast Discharge (Pure Lead)

- SWL+ 24 Ah to 140 Ah
  - EUROBAT 12 - 15 years
  - Hybrid pure lead technology

# RANGES & APPLICATIONS

- PRO-SPEC
- Multipurpose deep cycles batteries
  - 210 Ah to 260 Ah (6 Volts)
  - 170 Ah to 240 Ah (8 Volts)
  - 150 Ah (12 Volts)
  - Deep cycle applications
    - Electric vehicles including | Golf carts, Mobility vehicles ....
    - Industrial equipment including | Fork lifts, Access platforms, floor cleaners ...



# VRLA / AGM BATTERY

## Why Absorbed Glass Mat (AGM)?

- Totally maintenance-free
- Air transportable
- Spill proof / leak proof
- No corrosion
- Installs upright or on side
- Lower cost than gel cell batteries
- Superior recharge ability (0% to 90% in 3 1/2 hours)
- Compatible with sensitive electronic equipment.
- Very low to no gassing (unless overcharged)
- Superior for shorter duration / higher rate discharges
- Superior under extreme cold conditions when fully charged
- Superior shelf life
- Rugged and vibration-resistant



# WEB BASED BATTERY CALCULATION TOOL | ISY

- **Direct Calculation**

Use for normal sizing, where you have a UPS or other load and want to know which Yuasa battery to use

- **Indirect Calculation**

Use for reverse sizing, i.e. you have a battery, and you want to know what autonomy it will give with your load

- **Peaks Calculation**

For specialist applications where load varies over the autonomy period and short, high load pulses occur

*This software is accessible through <http://yuasa.itelios.net/>*



# TURNOVER / SALES PER COUNTRY

USD	2023	2024	2025
Lebanon	1,600,000	1,600,000	2,000,000
Saudi Arabia	2,500,000	3,300,000	3,450,000
Qatar	400,000	300,000	300,000
Kuwait	250,000	270,000	400,000
Oman	100,000	250,000	250,000
Jordan	100,000	50,000	100,000
UAE	2,100,000	2,150,000	2,200,000
Cyprus	100,000	180,000	100,000
Egypt	1,750,000	2,400,000	3,500,000
Others	700,000	500,000	700,000
<b>TOTAL</b>	<b>9,600,000</b>	<b>11,000,000</b>	<b>13,000,000</b>

# CERTIFICATIONS

- IEC 896-21 & 22 for batteries > 20Ah
- CEI 1056 for batteries < 20Ah
- UL n° MH for US market
- UL94 V0 or HB for ABS batteries cases
- NF - A2P for French safety market
- VDS for) for our factories
- ISO14 some types
- ISO 17025
- ISO9001(2000001 for our factories
- UN2800 A67 class 8 group 3 (IATA) for the transport and storage
- NFC15-100 et EN50272-2 for installation on racks or in cubicles
- EUROBAT for the service life
- 91/157/CEE for recycling
- ROHS for the environment



# MAJOR REFERENCES



جامعة الملك عبد الله  
للعلوم والتقنية  
King Abdullah University of  
Science and Technology

**King Abdullah University of Science  
and Technology (KAUST) | KSA**

**6160 | SWL 2500 E**



**Ministry of Interior**  
Kingdom of Saudi Arabia

**Ministry of Interior | KSA**

Directorate of Narcotics Control  
& Prison | **3548 SWL**

Passport Directorate | **1777 SWL**

Directorate of Border Guard | **2384 SWL**

Directorate of Civil Defense | **1800 SWL**



مطار الملك عبدالعزيز الدولي  
King Abdulaziz International Airport

**King Abdul Aziz International  
Airport | Jeddah KSA**

**42,072 EN & SWL from 24 ah to 180 ah**



**Internal Security Forces | Qatar**

**9088 Batteries SWL**



**Energy City | Qatar**

**2210 Batteries SWL**





For more info

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[www.mes.com.lb](http://www.mes.com.lb)