

# 智能低壓配電系統

Intelligence LV Distribution System

**KenerPower**  
Stabilize and Efficient the Power

**YT-M**

MCB Distribution Board



ISO 9001



Authorized P.B|Distributor|S.I

**GE**

## COMPANY PROFILE

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### LOCATIONS



- : Headquarter
- : Branch
- ★ : Factory
- ▲ : R&D Center

## COMPANY PROFILE

### YATRON

**YATRON** its beginning is from Engineer Mr. Kenneth Chan, who established the YATRON Company in 2006.

The Company is a diversified organization covering Energy Management and Lighting Solutions. From energy, data center, lighting, water, transportation and health.

YATRON's technology comes from GE (General Electric) and is Authorized Switchgear Panel Builder, Distributor and System Integrator of GE. We integrate all systems and make the dream come true by intelligence.

We provide to customers, across various industries and buildings, turnkey service solutions that ensure the reliability and protection of the electrical infrastructure; from the power plant, substation, to a facility's critical equipment, and all the power technologies in between. TUV ISO 9001, ISO 14000, ISO 18000, ISO 50001 and ERP system are always applied in order to be the Sustainable Development and Corporate Social Responsibility (CSR).







#### The offers of our Businesses are twofold

##### Manufacture

-  LV Switchgear and Controlgear
-  LV and MV Power Components
-  Energy Management System Components and Software
-  Lighting Fixture
-  Smart and Intelligence
-  Air Compressor and System
-  Energy Consulting Service

##### Energy Management System (EMS),

- Industrial and Building automation integration, BAS, SCADA, PLC
-  Renewable Energy | Wind and Solar System
-  Lighting Solutions
-  High quality and performance equipment and materials
-  Engineering services for EPC and Turn-key projects

# CERTIFICATE

Complies with	Certificates
ISO 9001	TUV (Germany)
IEC 62208	TUV (Germany)
IEC 60439   IEC 61439	IECEE, KEMA, ASEFA, CEBEC, ASTA, TUV
GB 7251	CCC (China)
IEC 60331	TICW
BS 6387	TICW
UL94	SGS





## SCOPE OF BUSINESSES



GE  
Energy

 **YATRON**® 日騰  
LV Distribution System | Automation System

 **KenerSys**

ENERGY MANAGEMENT

 **KenerPower**

### ■ About Our Business



**YATRON|GE** Energy Management is electrification business of **YATRON|GE**. We make energy safer and more useful through our ability to transmit, distribute and convert electricity. We integrate leading products and technology to solve customer problems. Our electrical solutions allow utilities and energy - intensive industries such as commercial, healthcare, data center, oil & gas, marine, metals and mining to efficiently manage electricity from the point of generation to the point of consumption.

We offer a full range of electrical capabilities. Our global teams design industry leading technology to improve the transmission, distribution and conversion of electricity, and to help provide safe, efficient and reliable electrical power.

#### Global and Local

Serving the customer is our top priority. Around the globe we have established local and long-lasting relationships with customers to fulfill their needs.

Yes, our local teams can access our global operations to provide end-to-end electrical solutions to customers. Investment in people and a strong local presence helps our customers to view us as their business partner.



## SCOPE OF BUSINESSES

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### Electrical Heritage

GE's roots in electrification go back 130 years, beginning with the first transformer and electric motor. Today Energy Management is built upon the same legacy and innovation culture that Thomas Edison founded in 1890.

We build technology innovations – critical power equipment, digital monitoring software, electric marine propulsion systems – to help our customers use electric power more efficiently.

Our heritage and experience across multiple industries, gives Energy Management a better understanding of our customers electrical needs.

### Deep Vertical Expertise

We have a deep knowledge and presence in the energy-intensive sectors we serve: utility, industrial, data center, renewables, oil & gas, marine, critical power, metals and mining.

We engage at every point along the delivery path of electrical power to these energy-intensive industries.

Our deep domain experience and industry knowledge paired with our leading technology can help our customers improve the efficiency and reliability of their operations and become more competitive.

### Global and Local

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GE  
Energy



GE  
Industrial Solutions

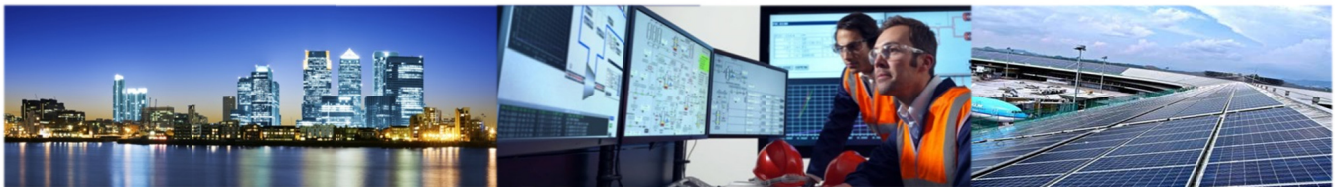


GE  
Lighting



## Energy Management System-EnMS | Renewable and Green Energy

HV, MV, LV Switchgear and Controlgear, Component, RMU, Busway, UPS, ATS, PLC, SCADA, Power Analyzer, Transformer



### ■ Renewable and Green Energy

Solar and Wind System | EV Charger Station

### ■ Energy Consulting, EPC, Turn-Key and maintenance



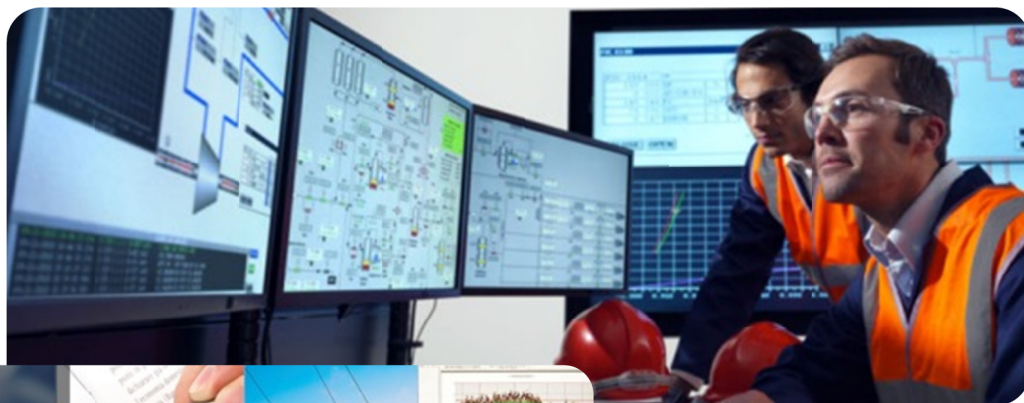
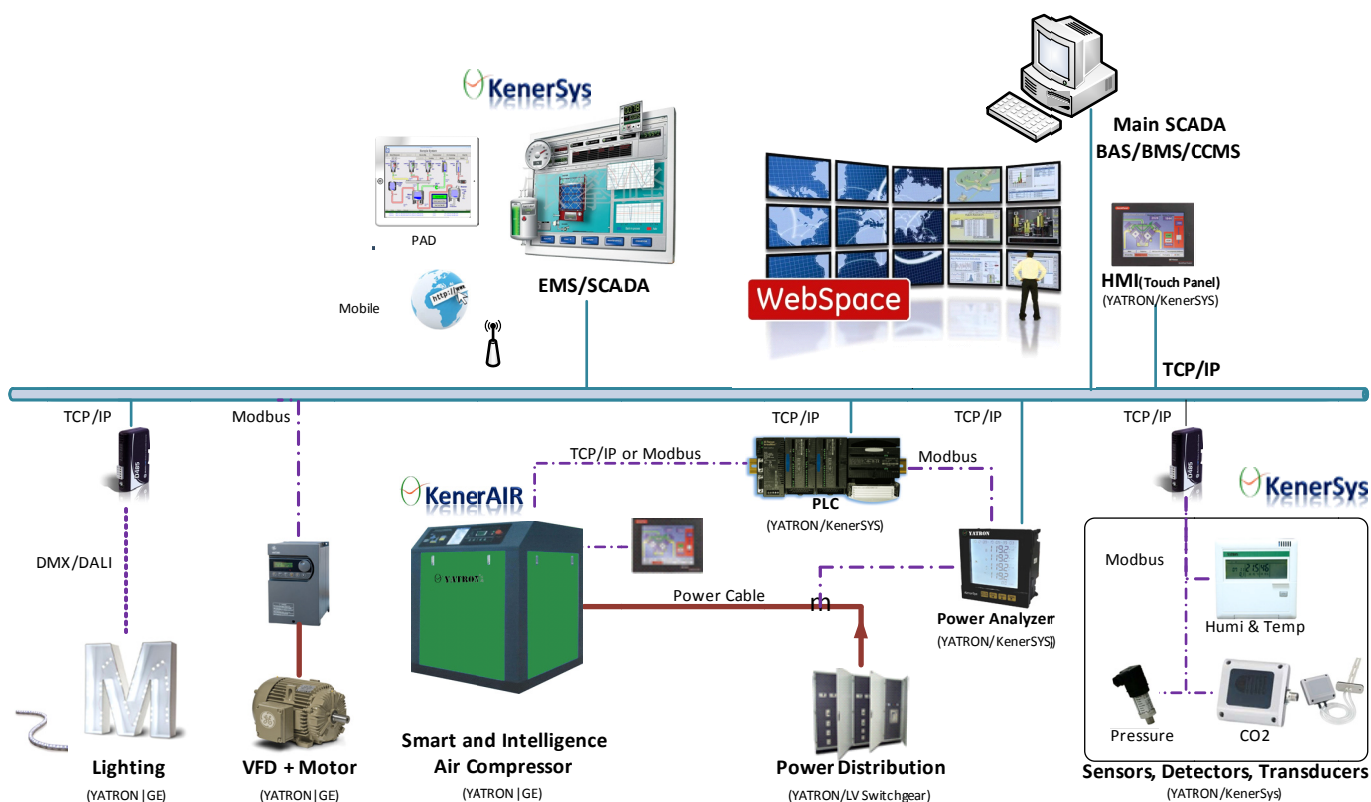
### ■ Lighting Solutions



Providing high performance solutions for an innovation world.



# SCHEMATIC OF INTELLIGENCE SYSTEM



## Energy Consulting

driving the evolution of electric power systems  
with greater affordability, reliability, and  
efficiency

About Us





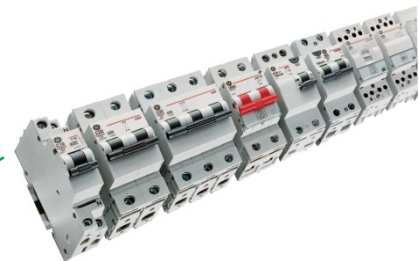
# PRODUCT INTRODUCTION

The **YT-M** is a part of **KenerPower** of YATRON Energy Group.

## ■ BENEFITS

- Modular Commercial Type
- Intelligence and integrate to EnMS of YATRON KenerSys
- Powder coating treatment
- Compact size
- Miniature
- More solid structure
- Stable insulation
- High reliability
- Environmental protection

- 美好和高質量的生活是人類的追求, **YATRON M** 系列微型配電箱結合全球最大電氣元件生產商通用電氣(GE)或其它國際品牌之電氣元件; 提供了美觀、高質量、高效率且更環保的配電方案, 更為低、中及高端客戶提供最佳的選擇方案。  
**金屬箱體暗裝的實門類型**, 箱體採用冷軋鋼板折彎而成, 表面經過靜電噴塗處理, 美觀耐用。
- The people is seeking the best and high quality life, **YATRON M** series MCB Distribution Boards are assembled with the electrical components of General Electric(GE) and other global brands, which is the top one electrical component manufacturer in global. In order to provide the Beautiful, High quality, High efficiency and Green environmental power distribution solution. We also provide the best solutions for Low, middle and High end users. The YATRON M series are of flush mount design with metal base. The door is **Plain doors**. The base are made with Cold Rolled Steel Sheet, while the surfaces are treated with power coating in order to be attractive and durable.
- 外觀設計美觀、結構佈局緊湊合理、電路配置安全可靠、性能卓越、持久耐用等優點。
- Its advantages are: attractive appearance design, reasonable frame, safe circuit layout, excellent performance, long lasting etc. advantages.

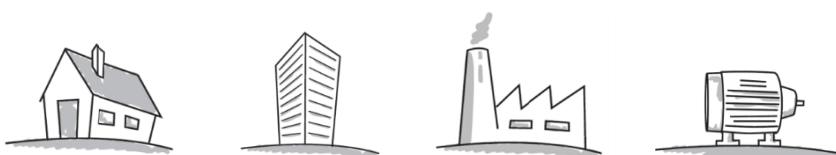


- 多種尺寸規格供客戶選用, 或可以訂製其它規格。
- There are some standard size specifications provided for customers, or custom-made are also available.
- 標準顏色為米白色(RAL 9016)或自由訂製其它顏色。
- The standard color is White (RAL 9016) or custom-made colors are also available.

# APPLICATIONS

The YT-M is suitable to be used in all industrials

- Commercial | Residential | Data Center
- Power plant | Power distribution systems | Power substation
- Industry factory
- Transportation
- Marine
- Petroleum and gas
- Mining
- Water plant
- Chemical industry
- Equipment manufacturing



## TECHNICAL DATA

### ■ 特 徵 Features

- ☐ 外門 Exterior door
  - 實門 Plain door / 透明門 Transparent door
- ☐ 防護等級 Degrees of protection: IP40, IP43

### ■ 標 準 Standards

- ☐ BS EN / IEC 60439.3 (歐盟 EU, 英國 UK)
- ☐ GB 7251.3 (中國 China)

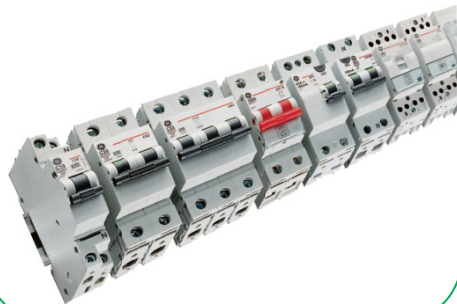
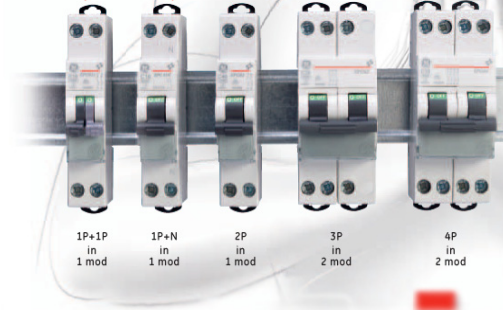
### ■ 材 料 Materials

- ☐ 底座 Base
  - 冷扎鋼板及噴漆, 厚度 1.0 mm
  - Cold Rolled Steel Sheet, Printed, THK 1.0 mm
- ☐ 門 Doors
  - 實門 Plain Door: 金屬 metal
- ☐ 顏色 Colors
  - 實門: 米白色或訂製
  - Plain Door: White (RAL 9016) or customer made

### ■ 電氣參數 Electrical Characteristics

- ☐ 額定電壓 Rated voltage : 690AC - 50/60Hz
- ☐ 額定電流 Rated current : 最大 Max. : 125 A

for space problems





## ORDER INFORMATION

型號 Model	位數 Unit	排數 Row	外門種類 Ext. D. Type	底座 Base Dimensions (HxWxD)	外形尺寸 External Dimensions (HxWxD)
<b>金屬外門 Metal door</b>					
YT-M-04	4	1	實門 Plain	160x190x82	180x210x100
YT-M-06	6	1	實門 Plain	190x190x82	215x210x100
YT-M-08	8	1	實門 Plain	230x210x82	250x250x100
YT-M-12	12	1	實門 Plain	302x230x82	320x250x100
YT-M-16	16	1	實門 Plain	374x230x82	390x250x100
YT-M-20	20	1	實門 Plain	445x230x82	460x250x100
YT-M-24	24	2	實門 Plain	302x380x90	320x400x100
YT-M-32	32	2	實門 Plain	374x480x90	390x500x100
YT-M-36	36	3	實門 Plain	302x730x90	320x750x100
YT-M-40	40	2	實門 Plain	445x480x90	460x500x100
YT-M-48	48	3	實門 Plain	372x730x90	390x750x100
YT-M-60	60	3	實門 Plain	445x730x90	460x750x100

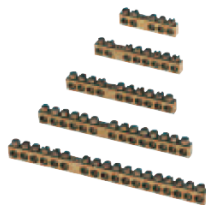
## ORDERING NUMBERS

### YT-M-04-P-MT

外門材料 Ext. door material	: 金屬(MT)
外門種類 Ext. door types	: 實門(P) Plain(P)
位數 Unit	: 04 / 06 / 08...
類型 Type	: MCB Distribution Board
品牌 Brand	: YATRON

## ACCESSORIES

Earth or neutral terminals		
610326	4	
5 x 16 mm <sup>2</sup>		
610325	4	
8 x 16 mm <sup>2</sup>		
610324	4	
10 x 16 mm <sup>2</sup>		
610323	4	
14 x 16 mm <sup>2</sup>		
610322	4	
18 x 16 mm <sup>2</sup>		



Label for circuit indication		
610233	10	
For enclosure width 550 mm		



Blank plate		
610142	4	
610484	500	
Length: 72 mm		
Cut-out width: 45 mm		
Can be cut into 9 mm lengths		
RAL 7035		



**HEADQUARTER****YATRON Energy Group Co., Ltd.**

Add : 20/F, AIA Tower, 251A-301 Avenida Comercial de Macau, Macau  
Tel : +853 28354053  
Fax : +853 28354055

**Macau****YATRON Engineering Co., Ltd.**

Add : 20/F, AIA Tower, 251A-301 Avenida Comercial de Macau, Macau  
Tel : +853 28354053  
Fax : +853 28354055

**Hong Kong****YATRON E&M Equipment (Hong Kong) Co., Limited**

Add : Level 8, Two Exchange Square, 8 Connaught Place, Central,  
Hong Kong  
Tel : +852 31674528  
Fax : +852 22972289

**China | Branch and Factory****YATRON E&M Equipment (Zhuhai) Co., Ltd.**

Add : No.12, Jin Heng Second Road, Jin Ding Science Industrial Park,  
Zhuhai City, Guangdong Province, China  
Tel : +86 756 8873662  
Fax : +86 756 8873661

**Taiwan****YATRON E&M Equipment Co., Ltd. Taiwan Branch**

Add : Level 37, Taipei 101 Tower, No. 7, Section 5, Xinyi Road,  
Taipei 110, Taiwan  
Tel : +886 2 87292902  
Fax : +886 2 87582889

**Taiwan | R&D Center and Factory****YATRON E&M Equipment Co., Ltd.****Malaysia | Headquarter of ASEAN****YATRON Energy (Malaysia) Co., Ltd.**

Add : Level 20, Menara Standard Chartered No. 30, Jalan Sultan Ismail  
50250 Kuala Lumpur  
Tel : +60 3 21175255  
Fax : +60 3 21175256

# Intelligence Makes the Dream Come True

## [www.yatrongroup.com](http://www.yatrongroup.com)

## [sales@yatrongroup.com](mailto:sales@yatrongroup.com)