

**MEDIUM VOLTAGE CUBICLES  
KIOSKS & COMPACT SUBSTATIONS  
SF6 CIRCUIT BREAKERS  
DISCONNECTORS AND  
LOAD BREAK SWITCHES**



Europower Enerji ve Otomasyon Teknolojileri San. Tic. A.Ş.



# ABOUT US

As a group, we are one of the leading engineering, EPC contracting, sales and marketing groups in Eastern Europe, Mediterranean and Middle East, actively and successfully operating in all EMEA region. We offer a very wide range of products and services to a large number of key customers in many different industries and have been working successfully for over 20 years in thousands of projects, offering our services and products with top-level customer satisfaction to over 60 countries on 5 continents around the world.

With a qualified and customer-focused team consisting of 1500+ people and 160+ engineers in our group, we offer a global, fast and unlimited supply chain for our customers' needs about all kinds of LV, MV, HV electrical and electromechanical solutions, systems and products for power generation, transmission and distribution. We have a high level of industrial and commercial know-how combined with decades of international engineering, contracting, supplying, sales and marketing experience.

Successfully being in partnerships and collaborations with many international key companies and industry giants which are all major players in their specialized business areas, we work as their solution partners or offer a wide variety of their products and services.

We consistently deliver high quality products and turn-key services for high-profile clients in a wide variety of industries with our global partners and decades of international experience.



**Ramin MALEK**  
Electrical Engineer  
General Manager  
Board Member

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Electrical Engineer (M.Sc.)  
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Chairman of the Board

**A. Gökhan ÖZTÜRK**  
Electrical Engineer  
Vice President / Deputy Chairman of the Board  
International Trade Director

**Mesut BAZ**  
Domestic Trade Director  
Board Member

## BOARD MEMBERS





# MEDIUM VOLTAGE COMPONENTS

## FOR MV PANEL BUILDERS

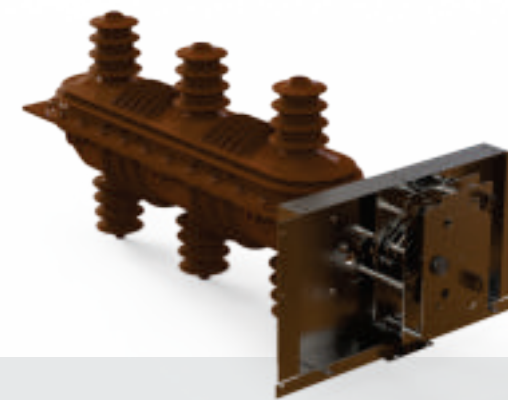


europower  
energi  
inside

or



### EuroGas - D

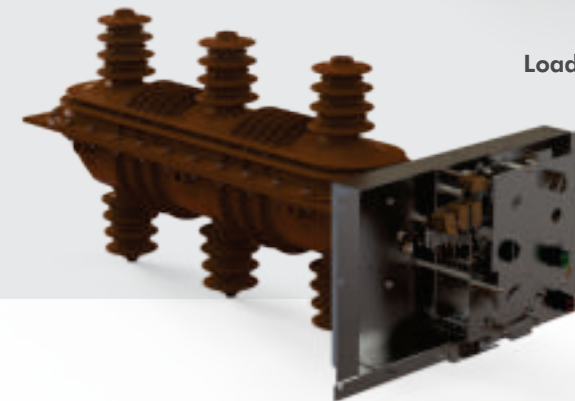


Disconnectors

#### Disconnectors & Load Break Switches

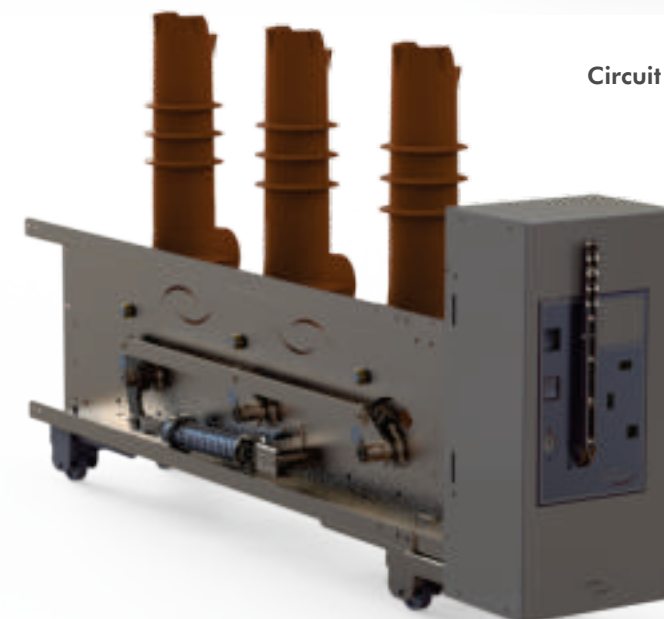
Compact, reliable, smartly simple and easily adapted SF6 disconnectors and load break switches for MV panel builders to use to build medium voltage switch and fuse-switch combination cubicles with maximum flexibility and reliability. Products up to 36kV, 1250A and 25kA, compliant to international standards, with many available options and accessories.

### EuroGas - SD



Load Break Switches

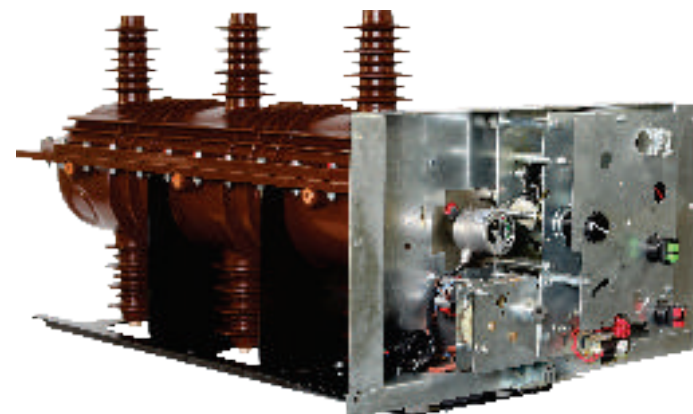
### EuroGas - CB



Circuit Breakers

#### Circuit Breakers

A reliable, efficient and high performance range of SF6 circuit breakers up to 36kV, 1250A and 25kA for MV panel builders to use to build medium voltage switching and protection cubicles, compliant to international standards, with many available options and accessories.





# euro24 euro36



- Modular structure,
- Tailor made configuration for customer requirements and specifications,
- Ready for automated networks,
- Internationally type-tested up to 36kV, 1250A and 25kA,
- Possibility for different combinations like withdrawable circuit breakers, surge arresters, CTs, PTs, capacitors, contactors and many other components,
- Short lead times by design advantages and latest technology manufacturing machinery.
- Side walls of the switchboard are manufactured from one-piece steel sheets and this leads to a more durable and rigid structure, therefore in an event of internal arcing, Euro36/24 switchboards show exceptionally high structural integrity,
- Front doors of the switchboard have specially designed fixers for extra safety in an event of internal arcing.

Euro36 and Euro24 are the metal-enclosed air-insulated modular switchboard panels. Designed for high operational reliability and personal safety, they protect your installations and ensure the continuity of your electrical supply.

This range of switchgear offers standardized modular units with load break switches, disconnectors, fuses, circuit breakers and contactors as switching apparatus in simple, easy-to-use, reliable, rugged and cost-effective packages.

Intelligent and simple design of these cubicles result in high production rates, short delivery times, and also easy maintenance and shorter downtimes.

Euro36 and Euro24 cubicles are specially designed and manufactured to provide a high level of protection in any event of internal arcing. All operations are carried out from the front side of the panel while the door is closed, and this provides safe working conditions for the operator. Also, the simple interlock mechanisms in the panels that are designed thinking the overall operational sequences create a fool-proof product for your distribution network.

In addition to the standard models, there are also versions of Euro36/24 that have withdrawable circuit breakers available, to offer a solution which fits in between EuroClad and Euro36/24, for optimized price, dimensions and performance.

Euro36 and Euro24 switchgear panels are manufactured in compliance with IEC 62271-200 and type-tested in international laboratories.



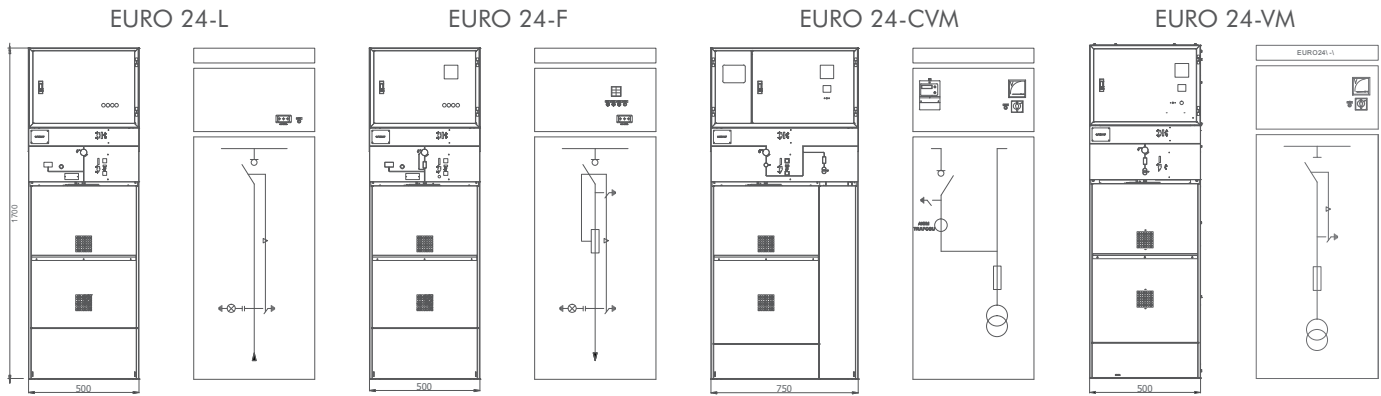




	EURO24	EURO36
Rated voltage	Up to 24 kV	Up to 36 kV
Rated current	630A, 1250A	630A, 1250A
Busbar	Al / Cu	Al / Cu
Rated frequency	50 - 60Hz	50 - 60Hz
Rated short-time withstand current	25 kA-effective	25 kA-effective
Rated short circuit duration	1 sec.	1 sec.
Rated peak withstand current	62,5 kA-peak	62,5 kA-peak
Lightning impulse withstand voltage * to ground and between phases (kV-effective)	125	170
Short-duration power-frequency withstand voltage (1 minute) * to ground and between phases (kV-effective)	50	70
Power-frequency withstand voltage for auxiliary devices (kV-effective)	2	2
Internal arc class	A-FL and A-FLR	A-FL and A-FLR
Loss of service continuity (LSC) category	LSC 2A	LSC 2A
Standard	IEC 62271-200	IEC 62271-200



Standard Euro24 Models



**L**  
Incoming / Outgoing  
with Load Breaker

**F**  
Transformer Protection  
with Fuse

**CVM**  
Current and Voltage  
Measurement

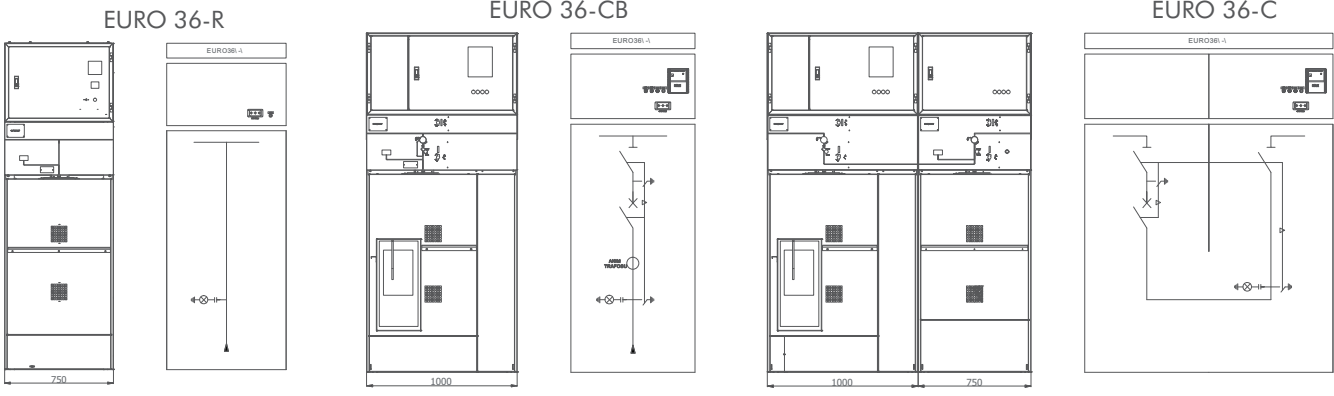
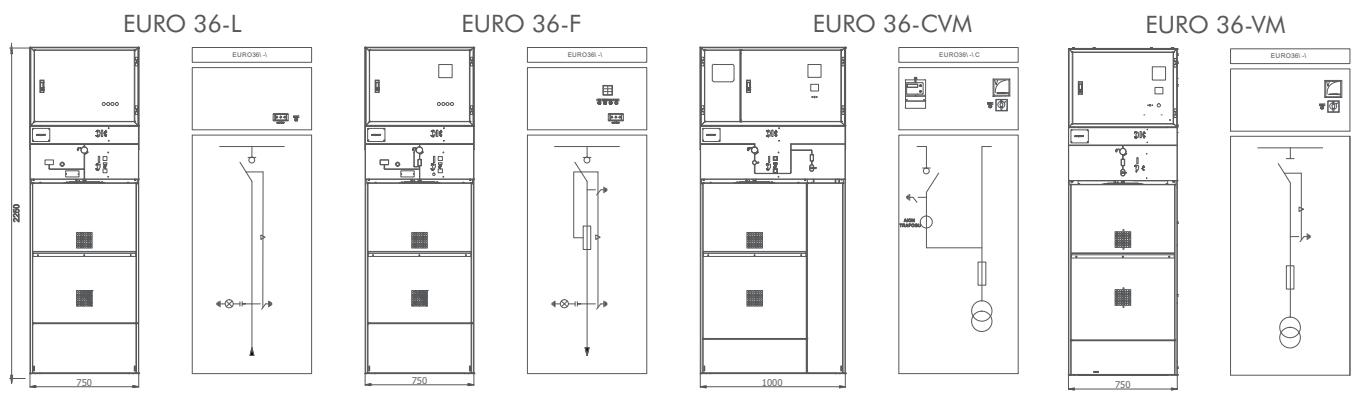
**VM**  
Voltage  
Measurement

**R**  
Bus Riser

**CB**  
Circuit Breaker  
and Disconnect

**C**  
Coupling

Standard Euro36 Models





||| **euroBET**



- Cost-effective design with optimized material utilization,
- Lower weight than most other concrete kiosks,
- Robust construction and durable structure,
- Maximum safety in an event of internal arcing,
- Different configurations and layouts depending on customer requirements and technical specifications,
- Modern manufacturing processes with special concrete pouring and heating methods,
- Smart cable entry design,
- Elaborative grounding design.
- Simple and easy base structure.
- Type-tested internationally.

EuroBet range of kiosks consist of monoblock and prefabricated concrete kiosks as compact substation applications.

Monoblock concrete kiosks has ten different dimensions, lengths ranging from 2.48 to 8.00 meters. Prefabricated concrete kiosks are custom products, and are manufactured according to customer requirements and project specifications.

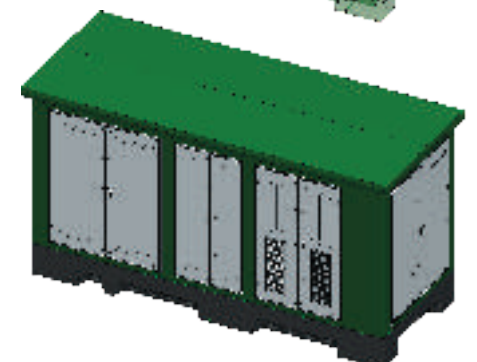
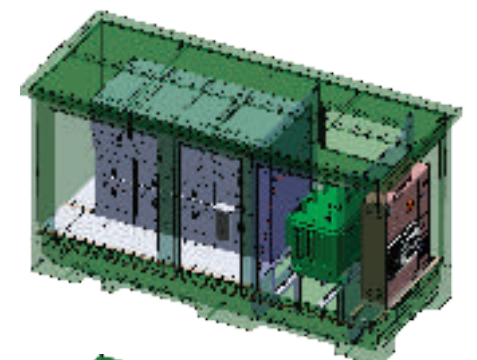
All EuroBet products are designed and manufactured with cost-effectiveness in mind. None of them need a special transportation method or permit and all dimensions fall within allowable ranges.

Also, they are lightweight compared to other concrete kiosks. These features lower the shipping costs, hence total project costs.

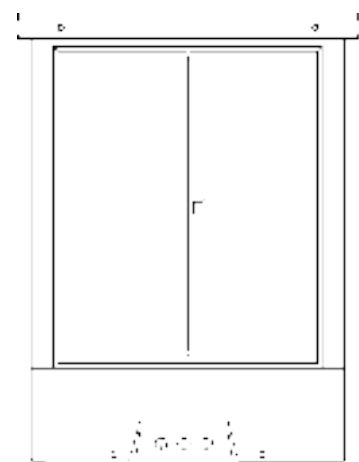
With its durable concrete structure, EuroBet products can be used in even the most extreme environmental conditions, with the help of wide selection of auxiliary equipment accessories.

EuroBet monoblock concrete kiosks are type-tested internationally, and all EuroBet models are produced in compliance with the applicable specifications and standards.

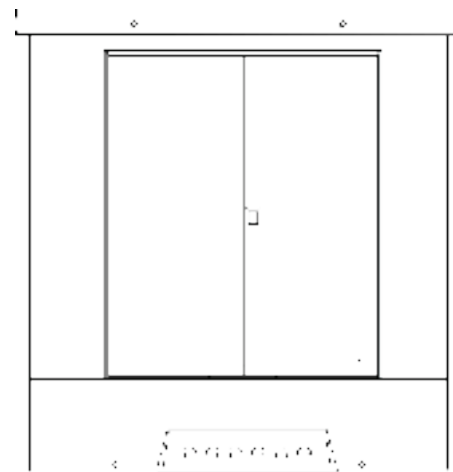
Europower Enerji is also manufacturing concrete central inverter stations for solar power plants, under the name of Euro SunBox. With special ventilation and cooling designs and a wide range of accessories and customization options, Europower Enerji is an OEM and production partner for many major global inverter manufacturers.



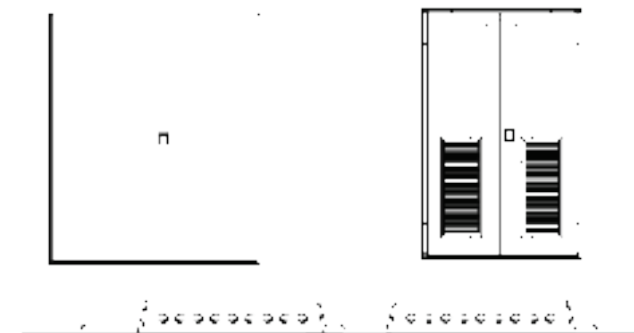
**2.48 M**  
**Concrete Kiosk**  
2480x3500x2500 mm



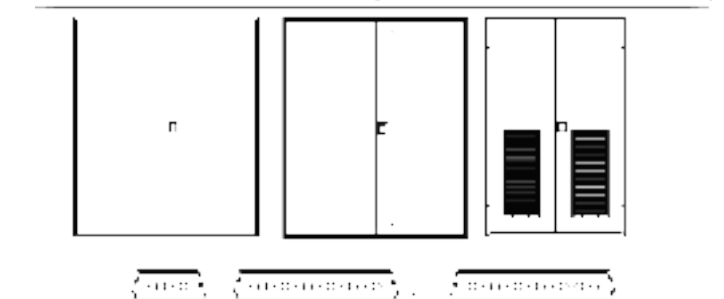
**3.20 M**  
**Concrete Kiosk**  
3200x3500x2500 mm



**6.45 M**  
**Concrete Kiosk**  
6450x3500x2500 mm

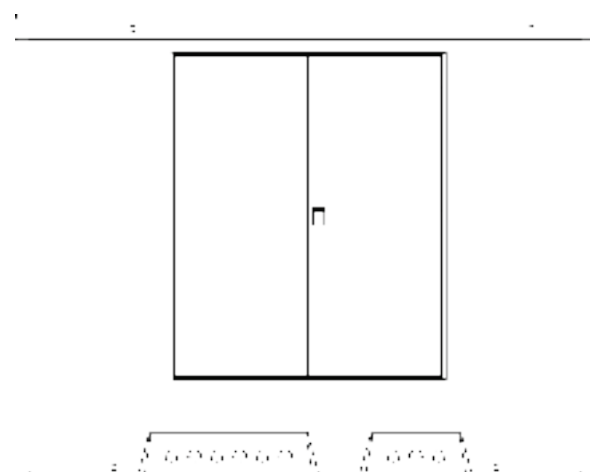


**7.30 M**  
**Concrete Kiosk**  
7300x3500x2500 mm

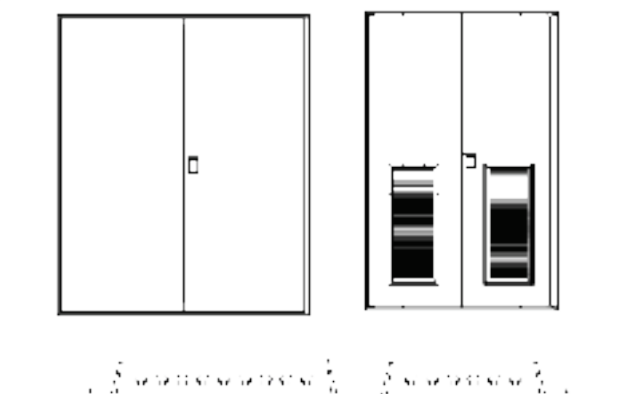


# STANDARD CONCRETE KIOSK SIZES

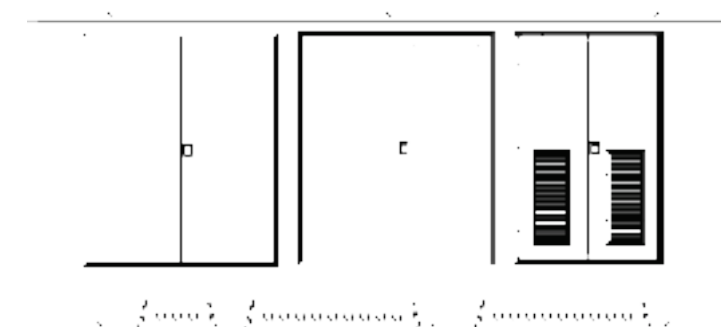
**4.25 M**  
**Concrete Kiosk**  
4250x3500x2500 mm



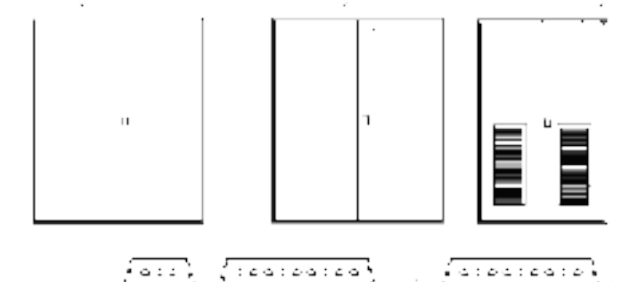
**5.35 M**  
**Concrete Kiosk**  
5350x3500x2500 mm



**7.50 M**  
**Concrete Kiosk**  
7500x3500x2500 mm



**8.00 M**  
**Concrete Kiosk**  
8000x3500x2500 mm





## GROUP ACTIVITIES



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