

**HYBRO**  
TECHNOLOGIES

ceramic panel heater

***HYBRID***™

Warmth becoming stylish



# About the company

Have been founding HYBRO Technologies I followed the only principle — every product created should have three features: innovative functionality, flawless design and unsurpassed quality.

Today, HYBRO Technologies sets trends and shapes the future of the heating market by offering innovative and energy-efficient solutions.

Modern standards and processes implemented on the production line ensure high quality of manufactured products and complete absence of complaints.

If you want to know the future of climate devices...

We welcome you to discover HYBRO.



Founder of HYBRO Technologies

**Vladyslav Sushko**



## Why it is unique

The HYBRID panel is the first patented development of HYBRO that has changed the idea of organizing a residential heating system and created a whole niche – ceramic heating panels.

### **SAFETY**

Protection degree IP44. Dust and moisture proof

### **INSTALLATION**

Simple and fast

### **SAVING**

The combination of far-infrared and convection heat flows.

### **DESIGN**

The ultra-thin panel will complement the modern interior.

### **FUNCTIONALITY**

Uses as the main type of heating, as well as a standalone heater.

### **QUALITY**

Official warranty – 5 years. Service life is more than 30 years.

# FUNCTIONALITY

HYBRID ceramic heating panels are a complete heating system for apartments, homes and offices of any size.

When heating the room with low powered panels, you have the opportunity to distribute the heat source so as, to avoid the appearance of excessively cold or hot areas.

HYBRID panels can also be used as an additional heating in combination with existing traditional heating systems.

Due to its low power, the HYBRID electric heating system is ideally suited for combination with solar and wind power station.





## CONSTRUCTION

The HYBRID panels are monolithic devices, which differ in the maximum durability. Panels are manufactured of ceramics, and accordingly have high heat-retaining properties.

The calibrated ceramics is hermetically built in the metal case by means of an ecological heat-conducting compound. The metal case with a polymeric covering is manufactured by a conveyor method that provides the accuracy and repeatability of each product.

A flexible cable in organic-silicon isolation, which is equally placed between the case and ceramics, is used as a heating element. This cable is heat-resistant, and outperforms the available analogs in all respects.

## 2 in 1

The HYBRID panel has a hybrid heat transfer method combining two principles of heating:

- Infrared radiation
- Convection heat flow

This approach achieves the maximum heat transfer effect in terms of size and power.

The use of ceramics provides an accumulating effect, allowing HYBRID panels to give heat even after switching off.



# Model range



## HYBRID 375

|              |                    |
|--------------|--------------------|
| Power        | 375 W              |
| Width        | 600 mm             |
| Height       | 600 mm             |
| Thickness    | 12 mm              |
| Heating area | 5-7 m <sup>2</sup> |
| Weight       | 10 kg              |



## HYBRID 420

|              |                    |
|--------------|--------------------|
| Power        | 420 W              |
| Width        | 900 mm             |
| Height       | 450 mm             |
| Thickness    | 14 mm              |
| Heating area | 6-8 m <sup>2</sup> |
| Weight       | 12 kg              |



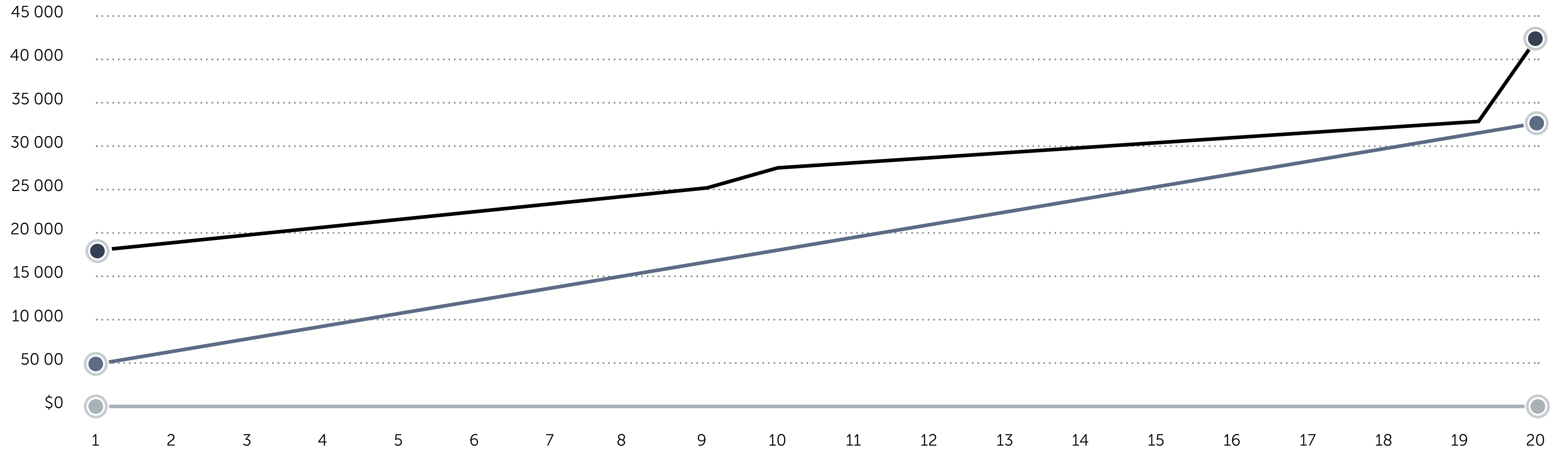
## HYBRID 550

|              |                     |
|--------------|---------------------|
| Power        | 550 W               |
| Width        | 900 mm              |
| Height       | 600 mm              |
| Thickness    | 15 mm               |
| Heating area | 8-10 m <sup>2</sup> |
| Weight       | 18 kg               |

Voltage: 230 V | Operating frequency: 50 Hz | Protection degree: IP44 | Surface: ceramic | Casing: Metal | Color: Black / White | Infrared heating: ceramics | Air convection: natural heat flow  
Warranty: 5 years | Lifetime: 30 years

Private house — 130 m<sup>2</sup>

Energy efficiency class A — 30 kWh/m<sup>2</sup>



### Heat Pump

— Money Heat Pump

Equipment + Assembling + Annual service + Consumption + Replacement.

— Money HYBRID

Require annual service.

— Years

Repair after 10 years and full replacement after 20 years of operation.

### HYBRID

Equipment + Assembling + Consumption.

**Does NOT** require annual service.

**Does NOT** require replacement during 30 years of operation.



Due to the low power of the HYBRID heating system, it is ideally suited for combination with renewable energy sources. When using HYBRID ceramic panels, the amount of solar modules you need to generate electricity consumed by the heating system is easily placed on the roof of your home.

# Innovation

HYBRID Ceramic Panels is own, patented development of HYBRO Technologies. The most daring ideas and best solutions implemented in one product.

## HYBRO technologies™

The HYBRID system combines two principles of heat transfer: infrared heat flow and convection. We are the first manufacturer who started using ceramics as an infrared-generating material. Thanks to this solution, the system has a wave spectrum of 7-14 microns. In addition, ceramics are also the best option in terms of accumulating properties. Due to the ability to accumulate heat, the system needs to work less.



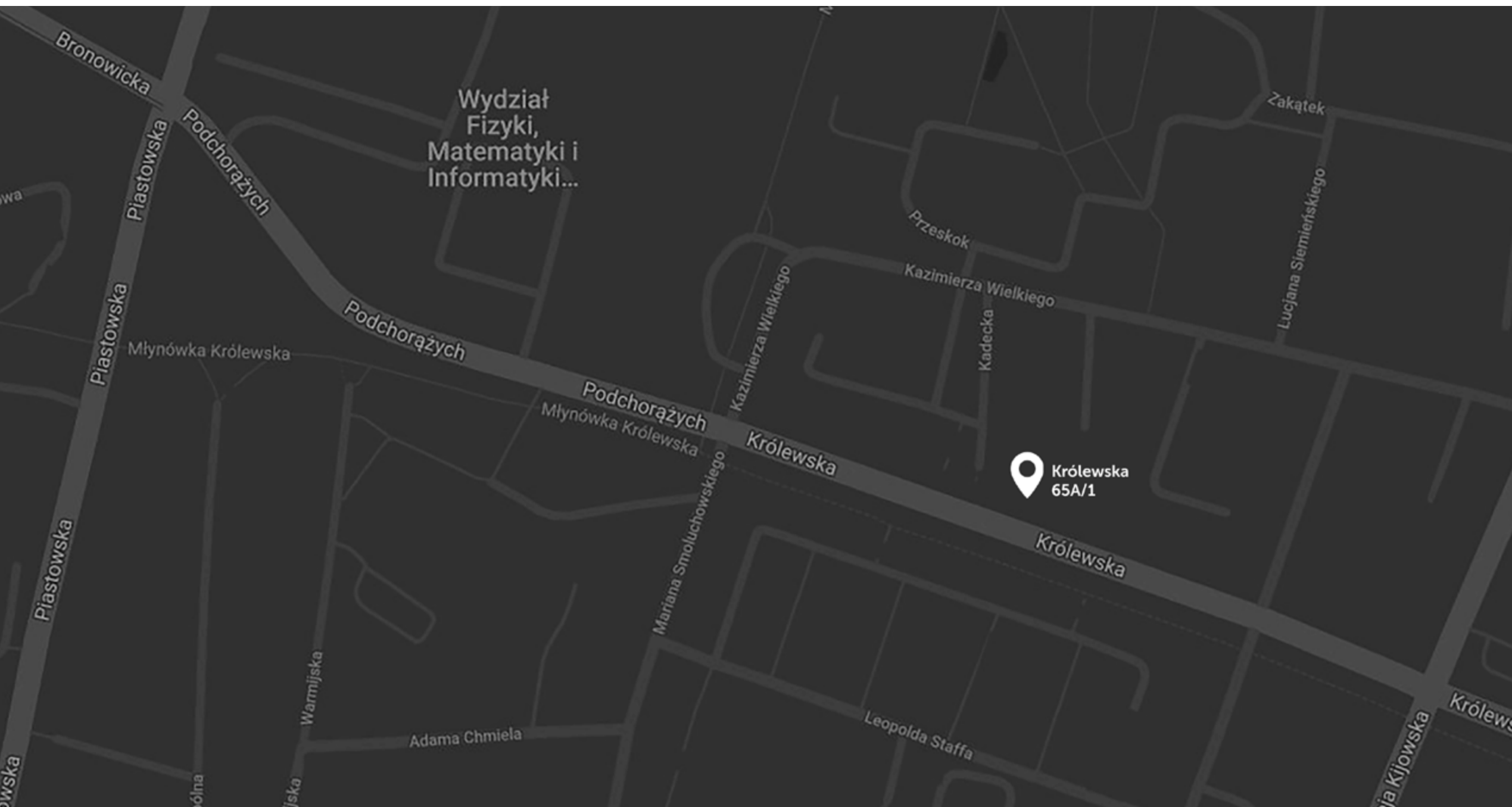
**HYBRID 375 ivory**  
600 x 600 x 12 mm  
POWER 375 W



**HYBRID 550 ivory**  
600 x 900 x 15 mm  
POWER 550 W



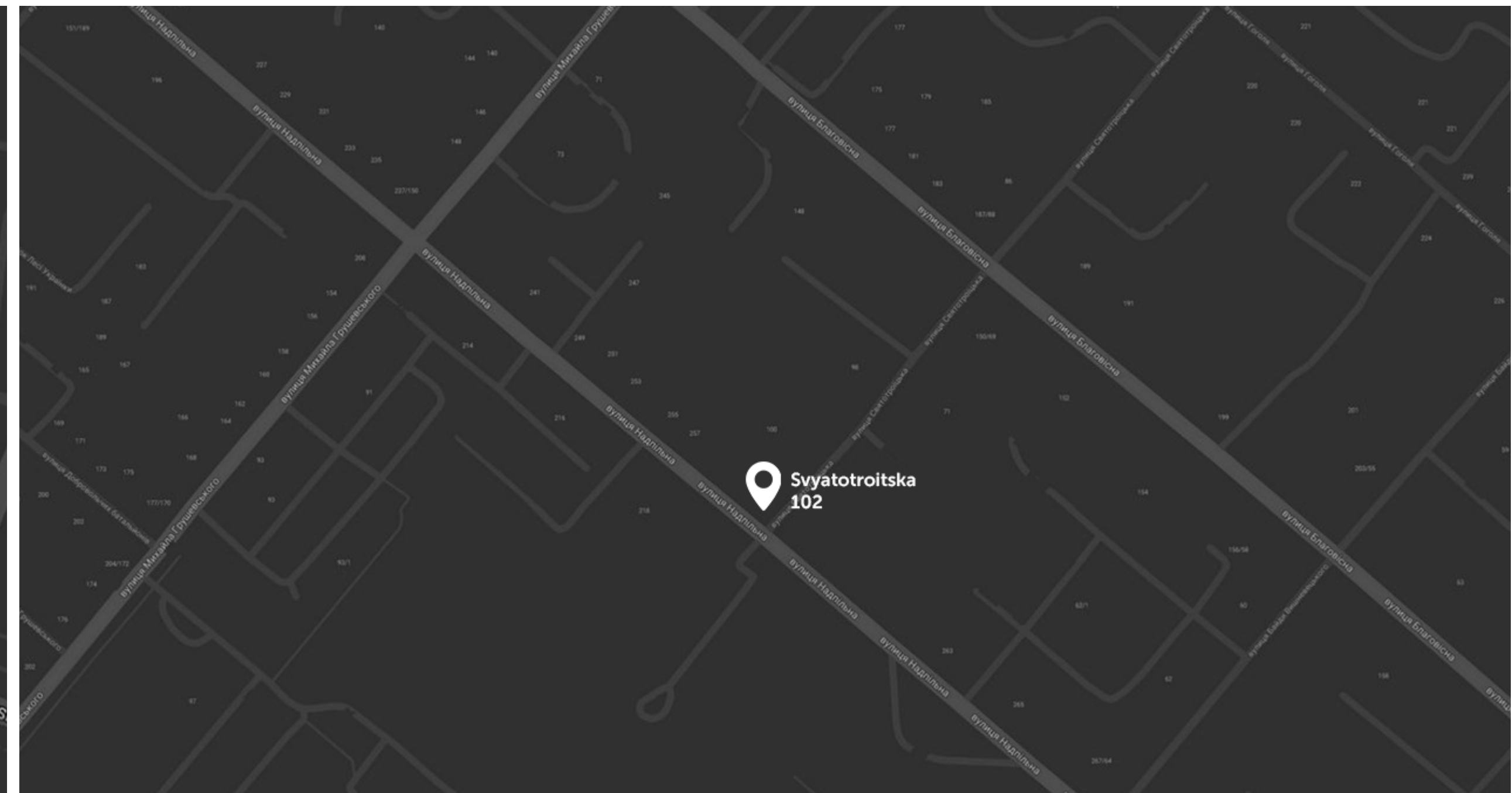
**ONYX 3S ivory**  
1200 x 320 x 9 mm  
POWER 250 W



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