

Does your current solution
protect devices in extreme conditions?



ELHAND PowerBox

safe and reliable energy
in any conditions



Transformers in a container

ELHAND PowerBox is a modern containerized transformer solution that delivers energy wherever you need it—quickly, safely, and without unnecessary complications. It is **designed for easy transportation by crane or forklift**, ensuring rapid deployment at the worksite. Both **low-voltage and medium-voltage transformers** can operate within the container, making it a versatile solution for various industries.

A key solution where rapid energy delivery is essential:



wind and solar farms – stable operation of the installation regardless of location.



construction sites – ready-to-use power supply without the need for complex installation.



industry and manufacturing – space optimization and reliable operation of equipment in challenging environments.



outdoor events – safe energy anywhere, ensuring your equipment operates without interruptions.



specialized machines and equipment – durability and safety in challenging environments.

ELHAND PowerBox

mobility, reliability, economy



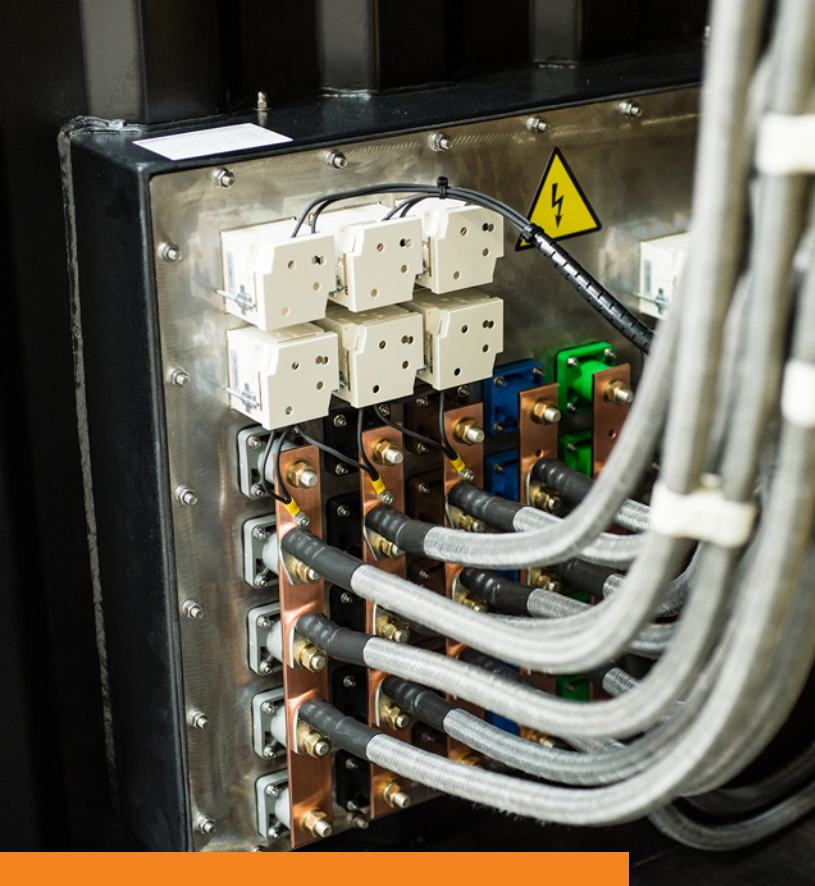
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Why ELHAND Power Box?

Mobility – fast transport and installation thanks to a compact, lift-ready design.




Durability – solid enclosure protects from the water, dust and mechanical damage.

Efficiency – minimized installation time and optimized space utilization.

Reliability – stable operation even in extreme weather conditions, on land and at sea.

Safety – modern protections safeguard both the installation and workers.

What measurable benefits does this solution bring?

-  Shorter installation time compared to a prefabricated transformer station.
-  Mobility – once the device has fulfilled its role, you can easily transport it to another location.
-  Availability of energy in all conditions, from -40°C to +50°C.

Your investment in the future

No compromises – our transformers comply with the PN-EN 60076-11 standard, ensuring quality and durability,

Custom fit – we tailor the specifications to meet your requirements.

Ready for any challenge – proven in harsh industrial, marine, and construction environments.

Technical data

- Rated power	up to 1 600 kVA
- Frequency	50 Hz, 60 Hz
- Ambient temperature	40°C – land execution 45°C – marine execution ≥50°C – special design
- Climate class	C1/E0 – land C2/E1 – marine or mining C4/E4 – extreme condition
- Fire resistance class	FI (optional)
- Insulation class	F or H
- Winding material	Aluminum or copper
- Additional equipment	Gland plates, cable ladders, thermal protection, pre-magnetization system, disconnectors.
- Protection degree	IP54
- Application of standards	PN-EN 60076-11

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ELHAND container solution

the key to the reliable operation
of chemical plants



Key features

Safety and durability – the enclosure provides full protection for the transformer, also in harsh conditions.

Optimal fit – capability to install an LV/MV transformer up to 1600 kVA, tailored to specific needs.

Minimized construction work – the container eliminates the need for costly and time-consuming infrastructure work.

Ready to operate – quick installation and commissioning without additional modifications.

Challenge

The client needed a fast delivery of the ET3S 1000 kVA transformer to power a heat exchanger in a chemical plant. The goal was to minimize on-site construction work and provide a system that could be quickly implemented into the existing infrastructure.

Solution

We delivered a containerized transformer solution that provides full mechanical and environmental protection. The power transformer was installed in a standard 10ft container with an IP54 protection rating, maintaining typical dimensions for conventional transportation.

Thanks to the plug & play system, on-site installation was reduced to simply connecting the cables, allowing the client to begin operation almost immediately.

Results

- +** **Express delivery and commissioning** – transformer ready for operation at short notice.
- +** **Lower investment costs** – no need for infrastructure expansion.
- +** **Reliable operation** – resistance to environmental conditions, including harsh industrial environments.

Let's talk about the optimal solution for your project!



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