



Helios

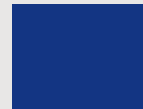
E-House solution

Helios is a versatile system that combines capability with quick installation. Its panel-based design makes it easy to adapt while still ensuring solid protection for critical equipment. A removable roof option allows large devices to be lifted in from above – a feature that sets it apart from other solutions.

Helios solution is intended for customers in the energy, transport, and infrastructure sectors who need a reliable and adaptable housing option for electrical equipment. Energy efficient thanks to low thermal conductivity of the insulation. Suitable for equipment such as switchgear, transformers, batteries, and relay panels.



**MODULAR
DESIGN**



**REMOVABLE
ROOF**



CUSTOMISABLE

CONSTRUCTION

The building framework consists of load-bearing trusses on steel posts. Steel elements are factory-made, primed, and painted. Walls use steel sandwich panels filled with stone wool, with sealed metal-covered joints. The pitched roof is insulated with mineral wool and covered with corrosion- and UV-resistant material, equipped with rainwater drainage. The roof can be disassembled for equipment replacement. The building is designed for installation on standard monolithic concrete cable cellars (3350 × 2100 × 800 mm) to reduce costs and time, but can also be installed on a site-built concrete foundation if required.

TECHNICAL INFORMATION:

Operating ambient temperature	-25°C to +40°C
Altitude above sealevel	Up to 1000 m
Environmental class	Up to C4
Typical color	RR20, RR21, RR22, RR23, RR29, RR33, RR35, RR40, RR41, RR45
Ventilation	Forced or natural
Typical case protection rating	IP23 – natural ventilated, IP44 – forced ventilated
Fire resistance class	Up to EI120

MAXIMUM PARAMETERS

Length	18 m (width up to 2,5 m)
Internal length	17,6 m
Width	5 m (length up to 14 m)
Internal width	4,6 m
Height	4 m
Internal height	4 m
Thickness of the insulated wall	100 mm, 150 mm (EI120)

