



ISO 9001
ISO 14001
ISO 45001
BUREAU VERITAS
Certification



EUROPE'S FIRST ZERO EMISSION PANELBUILDER

Ready for *European Green Deal*, for transformation into a modern, resource-efficient and competitive economy.





About our company

IRBIS Technology specializes in the design and manufacture of panels and switchboard equipment. Our factory, with a production area of 2000 m², is located in the city of Rezekne, Latvia.

We provide modern, high quality, and reliable products that meet the needs of customers.

Our high quality is confirmed by Quality Management Certificates ISO 9001, ISO 14001, ISO 45001 and we are audited by certification company Bureau Veritas, the world's largest certification service provider.

CO2 neutrality certificate confirm that we produce with ZERO CO2 emissions.

We bring concrete benefits to our clients and partners.

Successful experience in cooperation with EPC and Turn-key companies. We develop and supply industrial control panels for electric heating systems, including innovative, patented technology and components from the USA.





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Products

Manufacturing of electrical heating control panels, automatic source-changeover (ASC) boards, main switchboard (MSB), input distribution boards, power distribution cabinets, ventilation systems control panels, pumping stations control panels, process control boards, automation boards, energy efficient equipment. PLC Panels (Programmable Logic Control Panels)

Services

Designing of electrical panels and switchboards, audit of electrical equipment, assembly of panels and switchboard equipment.



GREEN BUILDING TECHNOLOGIES

THANKS TO THE USE OF INNOVATIVE TECHNOLOGIES, ENERGY CONSUMPTION CAN BE REDUCED BY UP TO 40% DUE TO THE FOLLOWING TECHNOLOGIES:

- FACADE STRUCTURES WITH HIGH THERMAL INSULATION PROPERTIES,
- LED LIGHTING,
- ABSORPTION HEATING AND COOLING SYSTEMS,
- NATURAL VENTILATION, MECHANICAL VENTILATION WITH HEAT RECOVERY,
- NATURAL DAYLIGHTING, PANORAMIC GLAZING, AUTOMATIC LIGHT CONTROL,
- SHADING STRUCTURES ON FACADES,
- PRESENCE SENSORS,
- METERING OF HEAT AND ELECTRICITY CONSUMPTION BY FUNCTIONAL ZONES,
- ENERGY-SAVING LIGHTING OF THE ELEVATOR CABIN, AS WELL AS SWITCHING OFF LIGHTING AND VENTILATION, DIMMING THE INDICATOR BACKLIGHT, SWITCHING TO STANDBY MODE WHEN THERE ARE NO PASSENGERS,
- ELEVATORS WITH AN ENERGY REGENERATION SYSTEM, ETC.





Reactive power compensation

IRBIS Technology offers reduce power losses in Your company by installing reactive power compensation panel.

With this panel is possible to compensate large part of reactive power, increasing power factor of working devices up to $\cos \phi = 0,95..0,99$; in the same time current and loads are reducing.

Installed the RPC cabinet, You can essentially save on the bills for electricity.

After the necessary measurements, our experts conclude: how much reactive power must be compensated; optimal panel parameters; the price of the panel and the payback period.

The customer receives full information about the panel, its parameters and terms of production.





Innovative, sustainability, energy efficiency business

Battery energy Storage Systems (BESS)

Think: Giant rechargeable battery for electricity.

What it does:

- Stores renewable energy for later use.
- Provides backup power during outages.
- Improves grid stability.

Benefits:

- More renewables, less fossil fuels.
- Stronger grid, lower costs.





Certificate of conformity with the following European Directives

Registered No.:
1703604706E/L22/87005

Low Voltage Directive 2014/35/EU

Reference/applicant	Date of application	Reference	Test report No.	Date of issue	Expiry date
8180	2022-01-13	8180-IRBIS_V95.3	1703604706E/L22/87005	2022-03-17	2027-03-16

This is to certify that the following products comply to the essential requirements of the above mentioned European Directive and the following standards:

Product: ELECTRICAL CONTROL PANEL

Type designation: VS (See Annex 1)

Applicant: RSEZ SIA "IRBIS Technology"
"Ezerkalni", Melnova, Veremu pag., Rzeknes n., LV-4604.

Standard(s): LVS EN 61439-1:2021 Low-voltage switchgear and controlgear assemblies – Part 1: General rules (IEC 61439-1:2020).

This Certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TUV NORD Group. This is to certify that the tested sample is in compliance with the essential requirements referred to Low Voltage Directive 2014/35/EU. The holder of this certificate may use this Certificate together with his EU-Declaration of Conformity.

TUV NORD Baltic SA
Reg. No. 4002372362
3 Semeņu Street, Rīga,
Latvia, LV-1005
Phone +371-47272881
Email: info@tuvnord.lv
www.tuvnord.lv

The CE marking may be affixed on the product if all relevant and effective Directives are complied with.

No 001643



IRBIS Technology RSEZ SIA

"Ezerkalni", Melnova, Veremu pagasts, Rzeknes novads, LV-4604, LATVIA

CONFIRMATION on carbon neutrality of the production processes

Under the scope of verification the entity emissions of CO2 for
electrical energy use is 0 tCO2 per MWh*

Verification scope

Production of electrical distribution and control equipment. Production
of connection elements for electrical installation. Installation of electrical
systems.

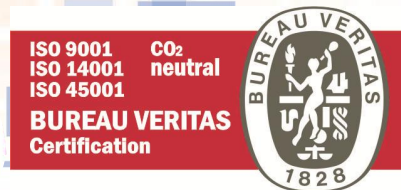
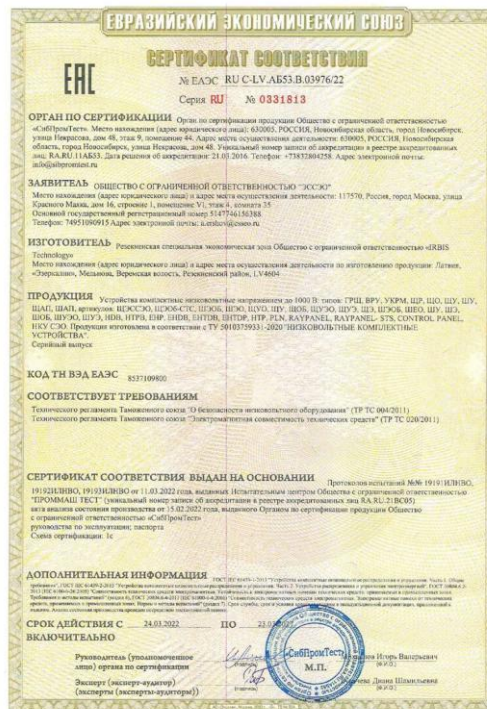
* Entity use electricity, produced in Latvia from 100% renewable energy
resources.

POWERED BY GREEN certificate is valid from 01/10/2024 to 30/09/2025

Verification date: 24.09.2024.

Confirmation valid till 30.09.2025.

Izdevēju institūta adrese: Bureau Veritas Latvia SIA, Dzirnavu iela 17A, Rīga, LV-1005, Latvija
Paraksts institūta par sertifikāta validāciju derības gada uzdevuma izpildi:
datums: 2024.09.24, paraksts: [paraksts]
Lat. paraksts: par šo sertifikātu derības gada uzdevuma izpildi, datums: 2024.09.24



Production possible on
world famous brands





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ISO 45001

CO₂
neutral

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How to find our company:



Contacts

RSEZ SIA "IRBIS Technology"

Company reg. no: 50103759331

Company reg. no VAT: LV50103759331

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Rezeknes novads, LV - 4604, Latvia***

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