



POWER FACTOR CORRECTION

www.elma-energia.pl/en

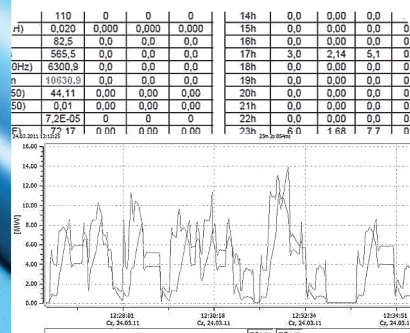
LOW VOLTAGE SYSTEMS



MEDIUM VOLTAGE SYSTEMS



MEASUREMENTS ANALYSES



About company

ELMA energia Ltd. company is present on the market since 1995. Many years of experience and dedication result in continuous adaptation of the newest technical solutions and following of market requirements.

We have established contacts with design offices, leading domestic and foreign companies and technical and scientific centers.

Our products have been exported to a number of countries (Germany, UK, Netherlands, Romania, Lithuania, Latvia, Estonia, Ukraine, China, Sudan, Tanzania, Egypt, Singapore, India, Indonesia, Vietnam).

Integral part of our activities are design, measurement and assembly services. Our highly trained, experienced and well equipped technical department is able to solve any, even the most complicated power factor correction problem.

Our company is committed to offer the best service with maximum flexibility to meet customer requirements including:

- economical and technical advices,
- support during installation and commissioning,
- support during lifetime of our products and systems,
- on-site training,
- international warranty.



Offer

Low voltage systems - we offer a complete range of low voltage power factor correction systems for 50 and 60Hz networks.

The newest solution - compact thyristor switched capacitor banks. Independent control in each phase.

Medium voltage systems - we design, manufacture, supply and erect a full scope of medium and high voltage systems.

Analyses - one of our main activities are measurements and analyses. Our experience and wide selection of specialized software, including ones developed by our company, allow us to conduct all necessary calculations and analyses required for proper sizing and location of PFC equipment.

Remote monitoring of capacitor banks - we offer remote monitoring system which via GSM data transmission system allows gathering information about capacitor bank operation from any place within GSM network coverage. This feature allows monitoring on the actual performance of the compensation system available on regular basis. In case of improper operation or dangerous event, service is notified immediately by text message or e-mail allowing to take immediate action.



Leading products

Our offer includes:

- fixed, automatic regulated and dynamic PFC systems,
- standard capacitor banks (with and without protection reactors) and harmonics filters,
- indoor and outdoor solutions,
- low, medium and high voltage solutions.

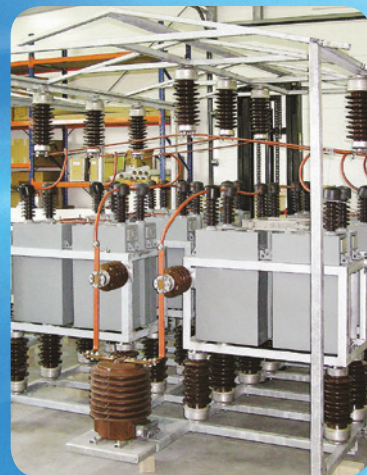
Measurements, analyses, design

Qualified staff, knowledge and experience, excellent technical facilities and specialized equipment allow us to perform all kinds of measurements and analyses for selection of proper power factor correction equipment, selection of the optimal technical solution and analysis of the threat due to harmonics presence.

During technical solutions selection we take into account also space and premisses available, thus we can offer systems tailored to meet the needs and capabilities of the investor.

Our offer also includes the complete engineering designs for the installation of power factor correction. We also help design bureaus with complex projects by providing design materials in editable version.

Examples of our realizations:



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