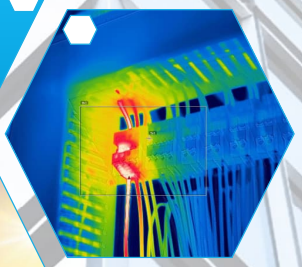
ALPHA

ENERGY SOLUTIONS

Construction lighting

Construction logistics

Thermography



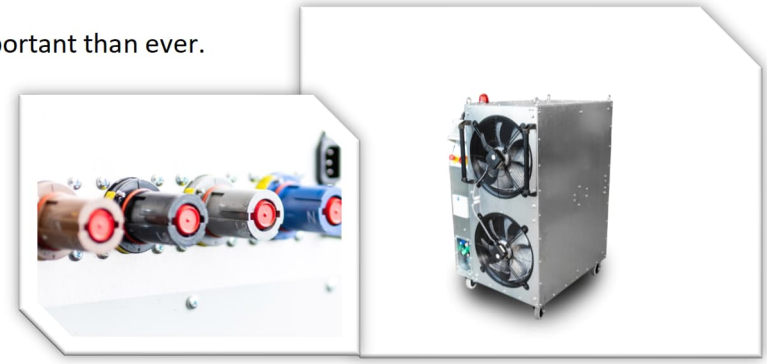
Load bank

Site electricity

Electrical installation

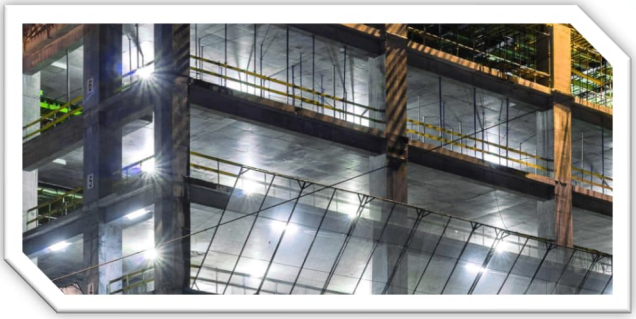
www.alpha-energy.de

Load bank management:



Securing the power supply is now more important than ever.
Many electrical systems are supported, buffered, or even operated entirely via generators, low-voltage supplies, or power generators.
Especially in emergency power supply, which is often used in critical infrastructure, it is important to ensure the performance of the power supply.
With our load banks, we simulate the maximum power that your electrical system requires and thus ensure that it always works reliably.
In addition, load banks are used for maintenance, commissioning, and control work.
We offer the complete package of load bank rental, connection, monitoring, and documentation.
Everything competent, from a single source and in ALPHA quality!

Construction lighting:



Working safely starts with seeing safely. With our lighting solutions, we safely illuminate your work areas, but also escape and rescue routes, both indoors and outdoors. Wherever regular lighting systems are not yet available, we deliver, install, and monitor your work environment and ensure proper functioning.
See safely, work safely, ALPHA safely!

Site electricity management:

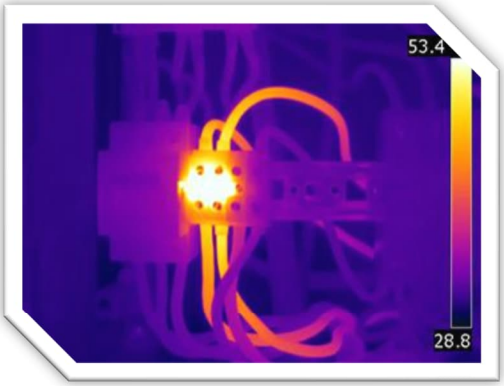
Construction site electricity is usually used when a connection to the local operator's power grid has not yet been made, or when larger electrical outputs must be made available temporarily. The site power box represents the interface between the local network and the consumers to be supplied and acts like a fuse box in a conventional electrical installation. In addition, he provides the electrical connection sockets and counts the electricity consumed if needed. Of course, you also get all services such as delivery, connection, monitoring, and documentation from a single source.
Alpha construction site power of tomorrow, today.

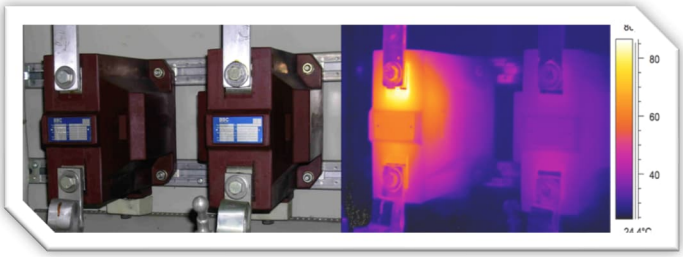
Construction logistics:

We understand construction logistics to be everything that is needed around the construction site. From reliable container management and the supply of the appropriate media to waste management. From the locking system to security concepts and construction site monitoring. With us you ensure that your resources are efficiently planned and used. ALPHA logistics at the highest level.

Thermography:

With electro thermography we discover the world of the invisible for you.
Wherever electricity flows, heat is generated. This is perfectly fine within the framework of the specifications or is even desired in some cases. This heat increases sharply on defective components, loose screw connections or incorrectly designed systems and can cause damage to individual components. Scenarios up to the failure of the entire system, personal injury or fire incidents can be the result. Electro thermography is a preventive measure to check your electrical systems. The special thing about this is that the systems usually do not have to be switched off for this test, since this method works without contact. This is not possible with a tactile measurement using a thermal measuring point. In comparison to infrared-based measurement methods, which only provide selective measurement results, thermography captures comprehensive information from system parts or even complete systems within a very short time. We create certified logs of your systems for you.
Alpha thermography for more security!





Electrical installation:

Efficient electrical installations are of great importance to ensure maximum performance, safety, and sustainability in residential and commercial buildings. We know how important it is to design electrical installations to the highest standards and best meet our customers' needs. Find out more about our approach to efficient electrical installations here:

Professional planning:

Careful planning precedes every installation. Our experienced electricians will analyse the specific needs of your project and create a detailed installation plan. This approach allows us to use resources efficiently and avoid unnecessary waste.

Use of the latest technology:

We rely on the latest technology to ensure efficient electrical installations. Energy-saving lighting systems, intelligent controls and efficient wiring options are just a few examples of how we integrate energy efficiency into our projects.

High-quality materials:

The use of high-quality materials is a cornerstone of our efficient electrical installations. Not only do these materials last longer, but they also help minimize energy consumption and reduce maintenance costs.

Smart home integration:

Modern residential, commercial, and industrial buildings can benefit from intelligent systems. By integrating smart home technologies, you can optimize energy consumption by efficiently controlling lighting, heating, air conditioning and other systems.

Safety first:

Efficient electrical installations must never be at the expense of safety. We attach great importance to compliance with safety standards and regulations to protect both people and technology.

Sustainability:

Sustainability is an integral part of how we work. We strive to create electrical installations that are not only efficient but also environmentally friendly. This includes using renewable energy sources, minimizing waste, and reducing the carbon footprint.

Alpha reliable!

Your contact people:

Sascha Angst
mobil: +49 1511 7931634
angst-sascha@alpha-energy.de

Mathias Born
mobil: +49 1511 8415261
born-mathias@alpha-energy.de

Mehmet Karakahya
mobil: +49 178 4814012
karakahya@alpha-energy.de

Christian Reichhardt
mobil: +49 170 7171638
reichhardt-christian@alpha-energy.de

Peter Hess
mobil: +49 175 6957727
hess-peter@alpha-energy.de