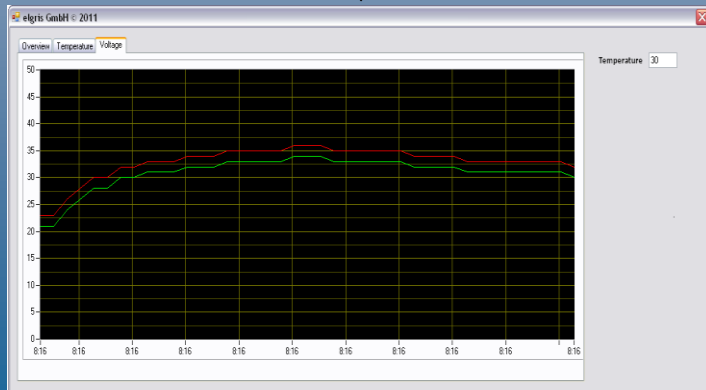
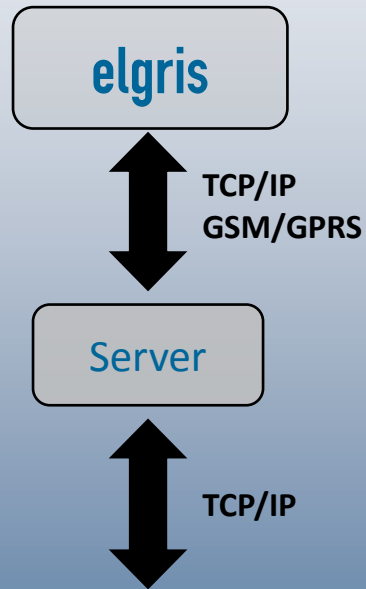


## remote monitoring

Unique feature of the **elgris** hybrid system is the integrated controller with remote monitoring capabilities. Depending on the implementation this can be a (wireless) TCP/IP or GSM / GPRS connection.

## web-based

Another advantage is, that the data isn't stored locally or on-site but on a central server. This enables the operator to maintain and services all the sites from anywhere in the world.



## elgris – generator voltage regulator

**elgris** is an authorized dealer of EMRI ([www.emri.nl](http://www.emri.nl)), a well known company with long term experience in generator repair, service and voltage regulators.

In addition to the voltage regulators we also offer a complete line of generator protection and control electronics as well as specific accessories such as current transformers, power transformers and measuring transformers.

## elgris – Batteries

With a broad range of standby batteries, starter batteries, and traction batteries, chargers, and accessories, **elgris** is able to supply the best products. By continuous research and investments in new technologies, our products meet the toughest economical and ecological standards. We combine this with an extended service package, so that your energy supply will function optimal.

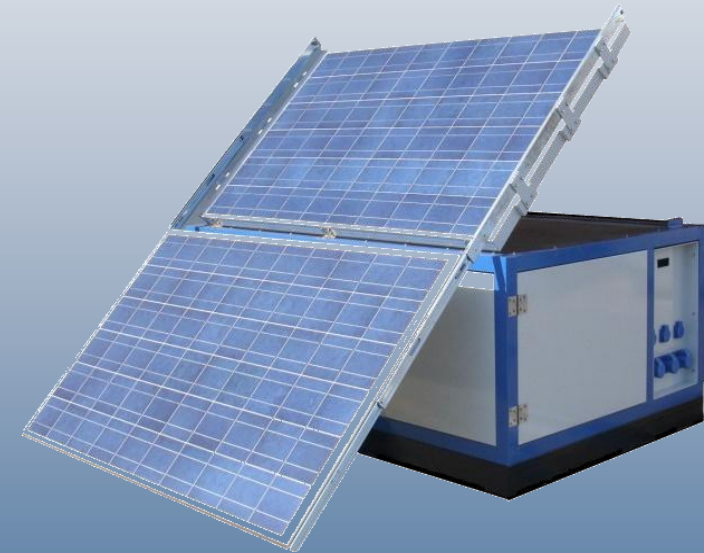
We continuously strive to enhance our products and services so as to serve your needs. Get used to state-of-the-art energy supply!



hybrid power systems

## Your partner for:

- Telecom solar power systems
- Off grid power supply
- Generator service
- Remote site monitoring



Flexible Telecom Solar Generator

[www.elgrispower.com](http://www.elgrispower.com)

## (R)evolution

elgris is a German company focusing on Hybrid Telecom Solar Power Systems. By using outstanding products and German know-how we offer you the most reliable and independent power supply available on the telecom market today. With a flexible design fitting in standardized shelters, the adoption to local need is guaranteed. Reduced operating costs, massive energy savings and flexibility can be reached.

This meets operators requirements for energy saving, flexibility and the pressure in site expanding.

## HANDICAPS of current systems:

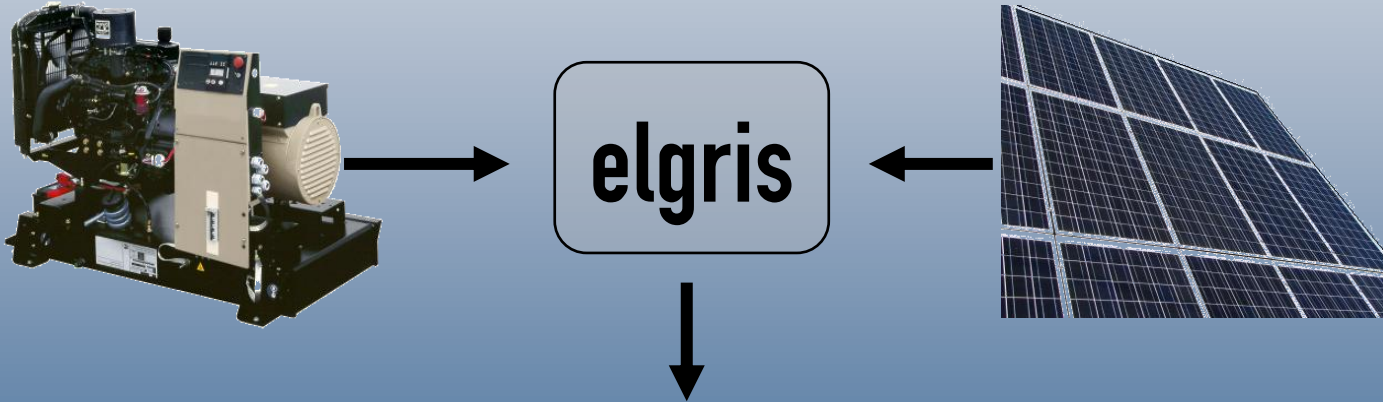
### telecom power – Generator disadvantages

- Fuel costs
- Fuel logistic problems
- Maintenance cost
- Environmental influences

### telecom power – Solar disadvantages

- Power generating depends on the weather
- High investment costs
- Complexity of a solar system
- No possibility for recharge

## solution



## Save € 10,073 per Site/Year

### Diesel powered BTS site

- 2,5 kW BTS system
- 15900 kWh / year
- 11400 Liter Diesel (€ 0,81/liter) / year
- 1500 € operational costs
- Total cost € 0,67 / kWh

Total costs: € 10,734

### elgris hybrid power system

- 2,5 kW BTS system
- 15900 kWh / year
- 570 Liter Diesel (€ 0,81/liter) / year (5%)
- 200 € operational costs
- Total cost € 0,04 / kWh

Total costs: € 661

Savings: € 10,073 per Site !

**Investment paid after 3 systems !**

Solar power – Batteries – Diesel generator – Control System – Remote monitoring

### telecom power solution – elgris Hybrid Solar Power System

Unique feature of the elgris power system is the integration of multiple renewable energy sources into a hybrid power system. With high efficiency solar panels and a efficient diesel generator controlled by a sophisticated control the system maximizes the power output. This enables the user to expand his autonomy time and decrease operational costs. Operational flexibility will heavily increase and costs massively decreased.

### contact us:

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