

## Emergency light technology with freely programmable central Battery Units

The group and central battery units are used in medium and large safety light units. R. STAHL plans, projects and produces group and central battery units for safety lights in hazardous areas.

A central battery unit already makes sense when using 15 emergency light fittings or more. The cost effectiveness depends on various factors, such as lights, combination of emergency and general lighting, etc.

## Numerous applications - Almost unlimited extension

The size of the unit is not limited by the technical system. Each central battery unit can supply 64 light circuits and one overall unit can be equipped with up to 64 central battery units. The supply and fully automatic control is guaranteed in each application.

## High flexibility when planning

Flexible design thanks to an easy installation with the advantage of an optimum adaptation to every kind of switch version including general lighting. The use of an independent sub-distributor guarantees high safety and redundancy according to the regulations. Plug-in final circuit modules allow an easy exchange and extension.

## Cost-effective and safe operation

The use of this system reduces the check cycles and maintenance work. The light system check is done automatically (also manually if desired) and is recorded over a period of 4 years. The clear and intuitive menu navigation simplifies this task.

## Unit design

- ❶ Charging unit
- ❷ Control unit
- ❸ Circuit modules
- ❹ The batteries are housed in the battery cabinet

More product details on [www.electromach.com](http://www.electromach.com).  
Please enter the WebCode.

WebCode ACCD1



### EXLUX 6008 - Emergency Light Fitting for Zone 1

The EXLUX 6008 by R. STAHL is the optimum solution if the unit design requires emergency light fittings supplied by single batteries. It is characterized by its intelligent charging management. The essential advantage is the high availability of the emergency light function. 254 Versions of the electronics make sure that only few lights carry out the continuous operating test at the same time. The service life of the internal components has been increased. The EXLUX 6008 complies with the current IEC standards (EOL etc.).



WebCode 6008A

### Floodlight 6521 for Zone 2 - Extended variety and use

This floodlight, that can be adapted to the current requirements of the market, is giving good results in rough industrial applications since many years. Depending on the lamps, it has been possible to extend the temperature range of 55 °C...+60 °C by means of high-quality sealing material.

#### New:

The enclosures, currently available in stainless steel 316L, will soon be available in stainless steel 304 or powder-coated sheet steel. The ATEX approval and IECEx are available since December 2010 and others will follow.



WebCode 6521A

### EXLUX 6000 - Test at wind speeds up to 187 km/h

During extensive test methods, the explosion protected lights EXLUX 6000 by R. STAHL have resisted wind speeds up to 187 km/h without any damage in each mounting position. They have resisted the most powerful air flow produced at the Monash University in Melbourne/Australia.



In autumn 2010, two models of the proven light series mounted on poles have passed the tests carried out at the Department of Mechanical Engineering and Aerospace without any impairment of the functions.

WebCode 6000A

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