



## Central Battery Systems

The CBS family consists of 12 models of central battery systems for emergency illumination.

They are produced in accordance with the current European norms EN50171 and EN50172. Depending on the model they contain 4–16 illumination circuits that can be individually programmed to operate as maintained or non-maintained.

In the maintained illumination circuits a 24VDC voltage is provided from a built-in DC power supply when there is power supply to the facility. In case of an interruption of the mains power supply, the illumination circuits are provided with 24VDC power from the interior of the panel is divided into 2 compartments, the electronics compartment and the battery compartment. A sensor monitors the battery temperature continuously.



KM645103  
BS EN 50171



est. 1979



*for a safer world!*



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## 230V AC

### CENTRAL BATTERY SYSTEM

Panels 300VA/1h or 130VA/3h

Requires 2 batteries 12V/33Ah

GR-9500/300/4\* 4 lighting circuits

GR-9500/300/8\* 8 lighting circuits

Panel 600VA/1h or 260VA/3h

Requires 2 batteries 12V/55Ah

GR-9500/600/8\* 8 lighting circuits

#### Peripherals

GR-9510 4 zone lighting circuit  
extension card  
230V / 300 VA  
for GR-9500/300/4

GR-8530 ETHERNET card

## 24V DC

### CENTRAL BATTERY SYSTEM

Panels 300W/1h or 130W/3h

Requires 2 batteries 12V/33Ah

GR-8500/300/4 4 lighting circuits

GR-8500/300/8\* 8 lighting circuits

GR-8500/300/12 12 lighting circuits

GR-8500/300/16 16 lighting circuits

Panels 600W/1h or 260W/3h

Requires 2 batteries 12V/55Ah

GR-8500/600/8 8 lighting circuits

GR-8500/600/16\* 16 lighting circuits

#### Peripherals

GR-8510 4 zone lighting circuit  
extension card  
24V / 300 Watt

GR-8530 ETHERNET card

## ADDRESSABLE 24V DC

### CENTRAL BATTERY SYSTEM

Panels 300W/1h or 130W/3h

Requires 2 batteries 12V/33Ah

GR-8600/300/4\* 4 lighting circuits

GR-8600/300/8\* 8 lighting circuits

Panels 600W/1h or 260W/3h

Requires 2 batteries 12V/55Ah

GR-8600/600/8\* 8 lighting circuits

#### Peripherals

GR-8610 4 zone lighting circuit  
extension card for  
addressable luminaries  
24V / 300 Watt

GR-8530 ETHERNET card

#### Accessories

GR-800/PS Spare power supply for  
maintained operation  
(GR-8500, GR-8600)

GR-800/PSC Spare power supply for  
charging (GR-8500,  
GR-8600, GR-9500)



KM645103  
BS EN 50171

**This model  
is certified by BSI.**



# About CBS

**Better Energy efficiency** compared to self contained luminaries.

**Low maintenance cost.** The batteries in a CBS system are located in the main panel compared to self contained luminaries that have their batteries built in. This saves a lot of time and money during maintenance, inspection or when batteries need to be changed.

**More effective inspection.** With CBS panels you have the ability to inspect the function of all luminaries from the main panel. If a luminaire has a fault then there is an update in the main panel during a programmed test.

**The cost** of the CBS luminaries is comparable to self contained luminaries. With CBS systems you have a long-term cost due to all saving because of all the previous reasons regarding the self contained luminaries.

## 230V AC

Output: 230V AC in main & battery

300 - 600VA panels

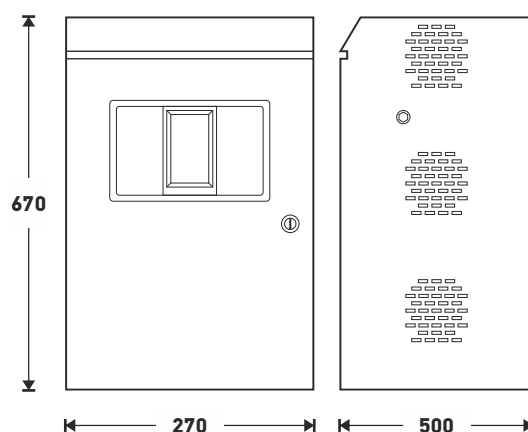
4 - 8 zones

Capability for connecting several panels on an ethernet network

The programming, control and testing of the system can be done using a web browser (Internet Explorer, Mozilla Firefox, Chrome)

Independent program for each zone for maintained or non-maintained operation.

Dimensions in mm



## 24V DC

Output: 24V DC in main & battery

300 - 600W panels

4 - 16 zones

Capability for connecting several panels on an ethernet network

The programming, control and testing of the system can be done using a web browser (Internet Explorer, Mozilla Firefox, Chrome)

Independent program for each zone for maintained or non-maintained operation.

## ADDRESSABLE 24V DC

Output: 24V DC in main & battery

300 - 600W panels

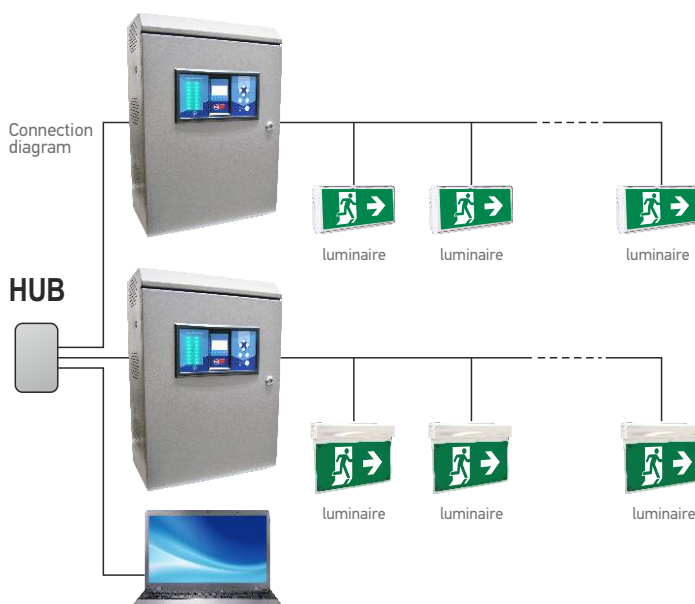
4 - 8 zones

32 luminaries per zone

Capability for connecting several panels on an ethernet network

The programming, control and testing of the system can be done using a web browser (Internet Explorer, Mozilla Firefox, Chrome)

Independent program for each luminaire for maintained or non-maintained operation.





# CENTRAL BATTERY SYSTEMS



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electronics**

SAFETY & SECURITY SYSTEMS

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European  
manufacturer



The company is certified by

**SWISS**  
APPROVAL  
Objectively True  
ISO 14001, ISO 45001, ISO 9001

F-001-006\_CBS-ver2022