



Product designation

Product type designation

Type

Automatic battery  
chargers  
BCE  
Single phase  
automatic battery  
charger 1  
charging level for  
lead-acid  
batteries

### Power supply

Rated voltage Us

|     |     |          |
|-----|-----|----------|
| min | VAC | 220      |
| Max | VAC | 240 ±10% |

Operational frequency

|     |    |        |
|-----|----|--------|
| min | Hz | 50 ±5% |
| max | Hz | 60 ±5% |

Power consumption

|     |    |     |
|-----|----|-----|
| Max | VA | 166 |
| Max | W  | 26  |

### Charging cycle

Reference standards IEC60335-2-29

Battery type lead-acid

Battery voltage VDC 24

Charging voltage (Uc) 27.6

Charging current (Ic) A 2.5

Charging current adjustment % Ic 30 to 100

Protections

Battery output  
fuse; charging  
inhibition due to:  
1. Short circuit at  
battery terminals;  
2. Reverse  
battery polarity; 3.  
Low voltage at  
battery poles; 4.  
Output overload.

External fuse 1

### Indications

LED indicator for operating status Yes

LED reverse battery polarity Yes

### Alarm output circuit

Output type NPN transistor

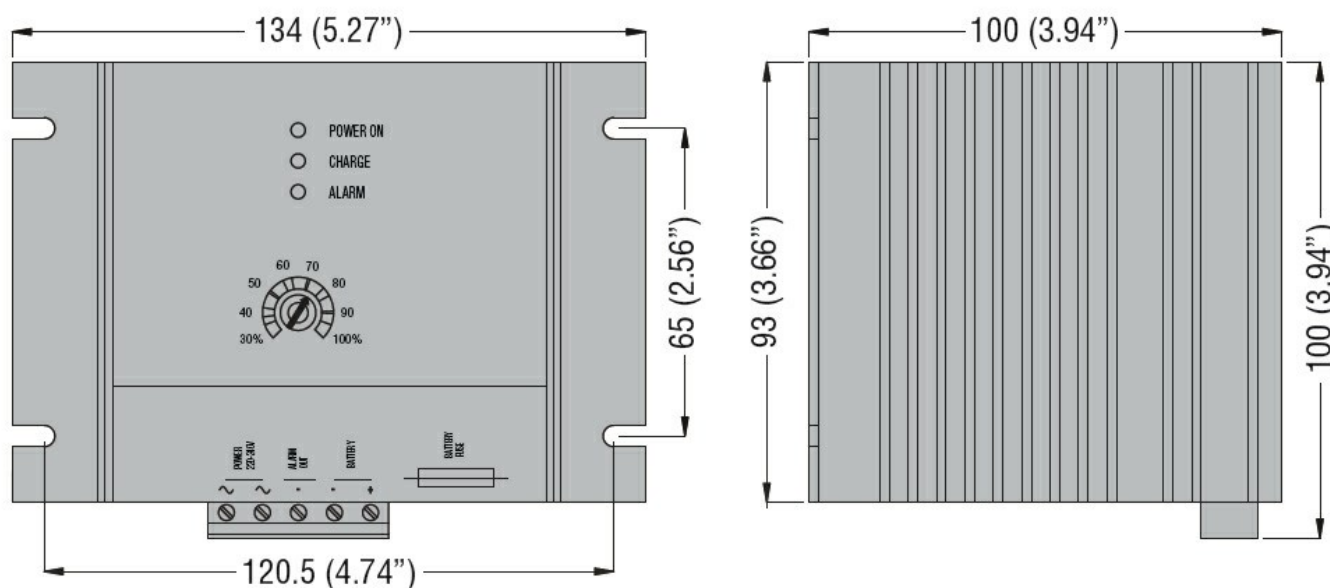
### Mechanical features

Housing type Internal panel  
mounting

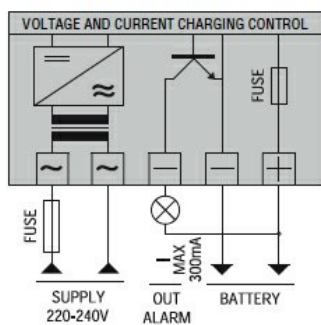
Terminals type Removable/plug-  
in

|                       |   |     |    |              |
|-----------------------|---|-----|----|--------------|
| Fixing                |   |     |    | Screw fixing |
| Weight                | g |     |    | 1992         |
| Ambient conditions    |   |     |    |              |
| Temperature           |   |     |    |              |
| Operating temperature |   | min | °C | -10          |
|                       |   | max | °C | +50          |
|                       |   |     |    |              |
| Storage temperature   |   | min | °C | -30          |
|                       |   | max | °C | +80          |
|                       |   |     |    |              |
| Protection degree     |   |     |    | IP00         |

## Dimensions



## Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN 60335-2-29

### Certificates

EAC

## ETIM classification

ETIM 8.0

EC000359 -  
Universal charger