



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 U_s

| | | |
|-----|-----|----------------|
| min | VAC | 220 |
| Max | VAC | 240 $\pm 10\%$ |

Operational frequency

| | | |
|-----|----|--------------|
| min | Hz | 50 $\pm 5\%$ |
| max | Hz | 60 $\pm 5\%$ |

Power consumption

| | | |
|-----|----|-----|
| Max | VA | 610 |
| Max | W | 66 |

Internal fuse

| | |
|---|-----|
| A | 6.3 |
|---|-----|

Charging cycle

Reference standards IEC60335-2-29

Battery type lead-acid

Battery voltage VDC 24

Charging voltage (U_c) 27.6

Charging current (I_c) A 10

Charging current adjustment % I_c 30 to 100

Protections

Main supply fuse;
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.

Indications

LED indicator for operating status Yes

LED reverse battery polarity Yes

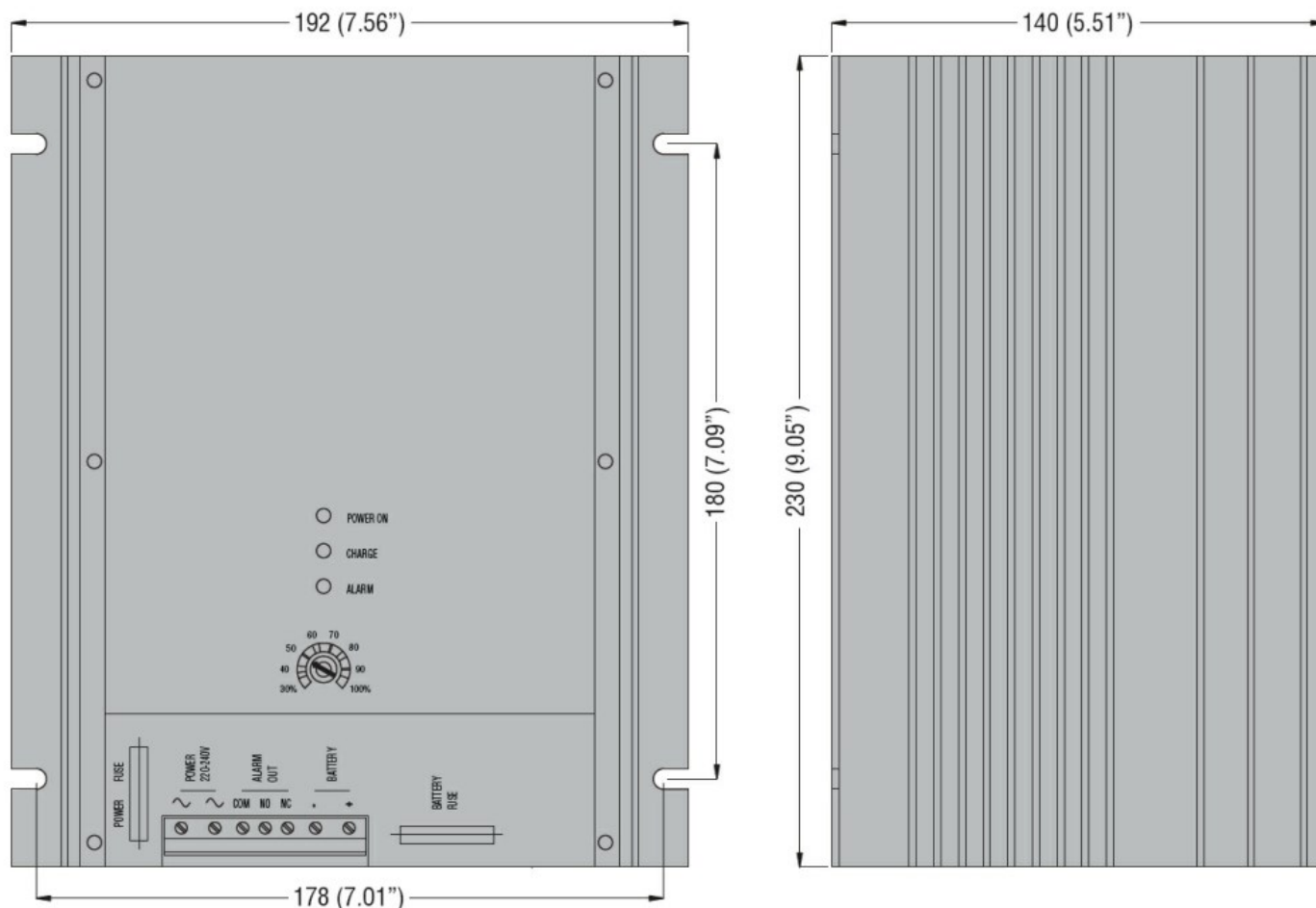
Alarm output circuit

Output type Relay with 1 c/o (SPDT)

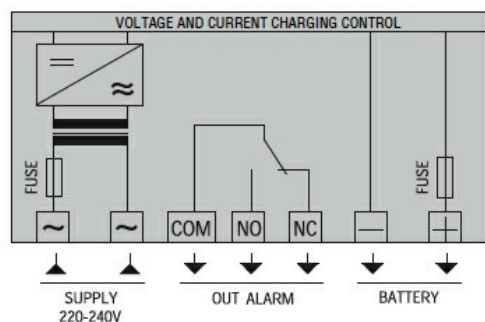
Rated capacity AC1: 5A
250VAC; DC13:
5A 30VDC

| | | |
|----------------------------|--------|-------------------------|
| Mechanical life | cycles | >3000000 |
| Electrical life | cycles | >1000000 |
| Mechanical features | | |
| Housing type | | Internal panel mounting |
| Terminals type | | Fixed |
| Fixing | | Screw fixing |
| Weight | g | 9560 |
| 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