



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	117
Max	W	24

Charging cycle

Reference standards IEC60335-2-29

Battery type lead-acid

Battery voltage VDC 12

Charging voltage (Uc) 13.8

Charging current (Ic) A 3

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

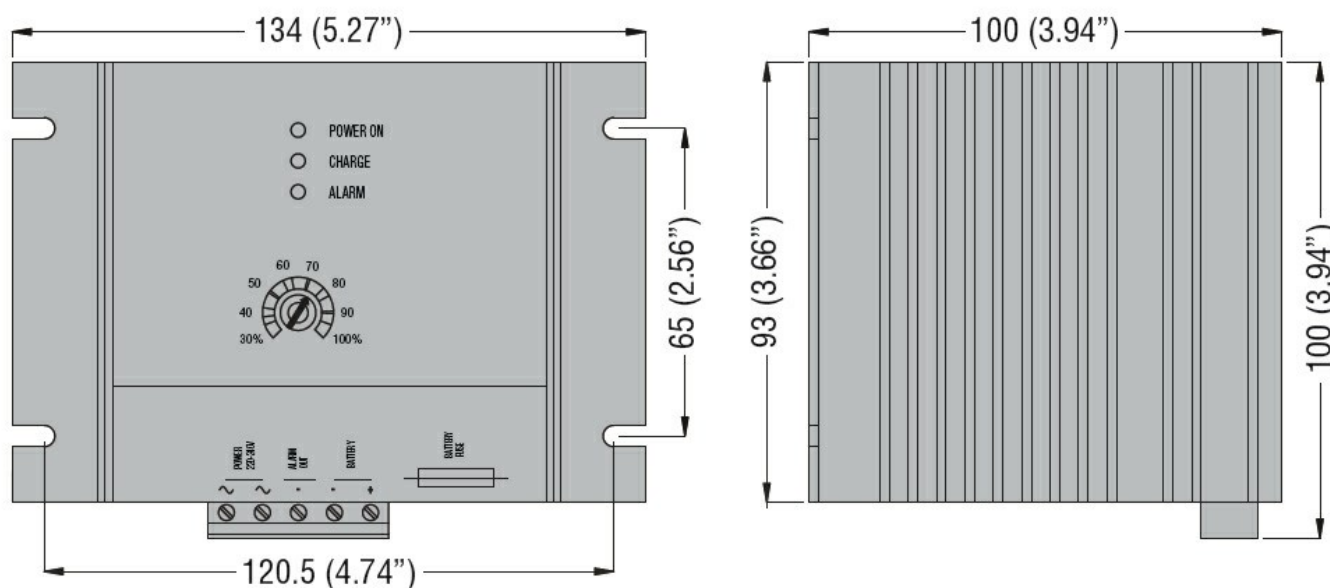
Mechanical features

Housing type Internal panel
mounting

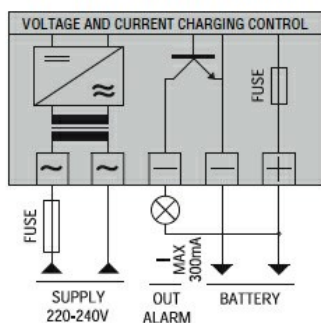
Terminals type Removable/plug-
in

Fixing				Screw fixing
Weight	g			1984
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