



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	117
Max	W	24

Charging cycle

Reference standards	IEC60335-2-29
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Battery type	lead-acid
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Battery voltage	VDC	12
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Charging voltage (U_c)		13.8
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Charging current (I_c)	A	3
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Charging current adjustment	% I_c	30 to 100
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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
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Indications

LED indicator for operating status	Yes
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LED reverse battery polarity	Yes
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Alarm output circuit

Output type	NPN transistor
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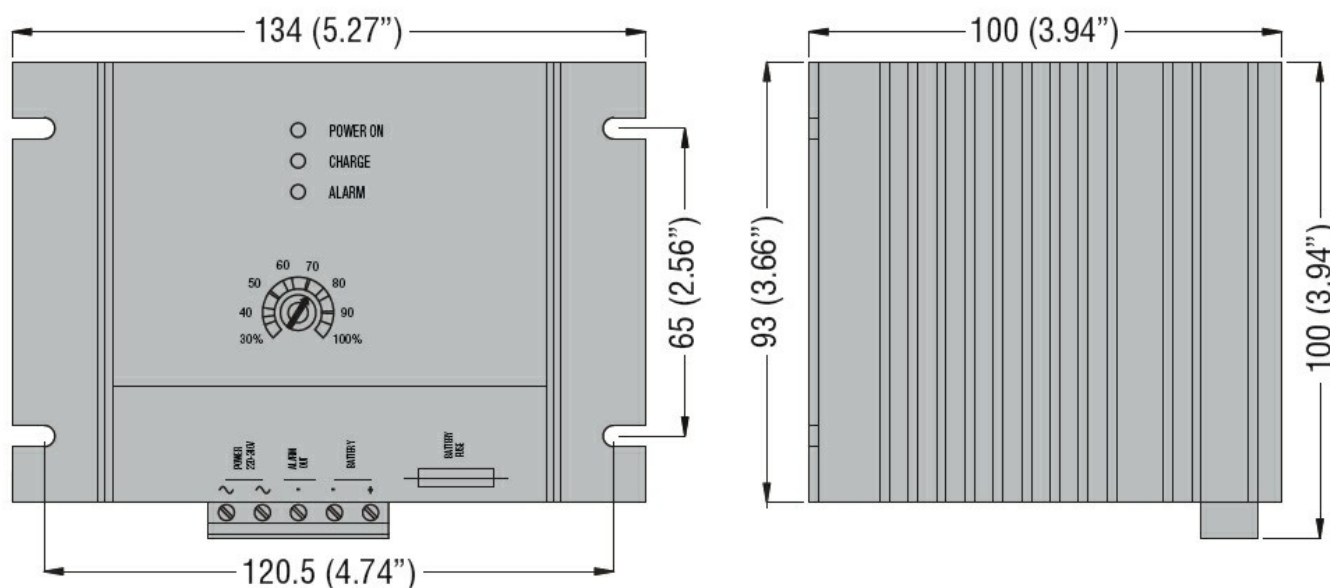
Mechanical features

Housing type	Internal panel mounting
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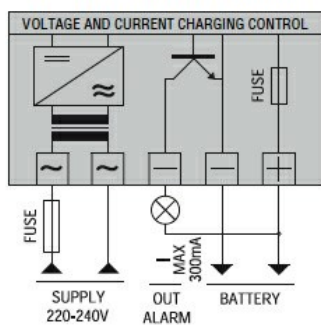
Terminals type	Removable/plug- in
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Fixing				Screw fixing
Weight			g	1984
Ambient conditions				
Temperature				
Operating temperature		min	°C	-10
		max	°C	+50
		Storage temperature		
		min	°C	-30
		max	°C	+80
Protection degree				IP00

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60335-2-29

Certificates

EAC

ETIM classification

ETIM 8.0

EC000359 -
Universal charger