



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	166
Max	W	26

#### Charging cycle

Reference standards	IEC60335-2-29
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Battery type	lead-acid
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Battery voltage	VDC	24
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Charging voltage ( $U_c$ )		27.6
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Charging current ( $I_c$ )	A	2.5
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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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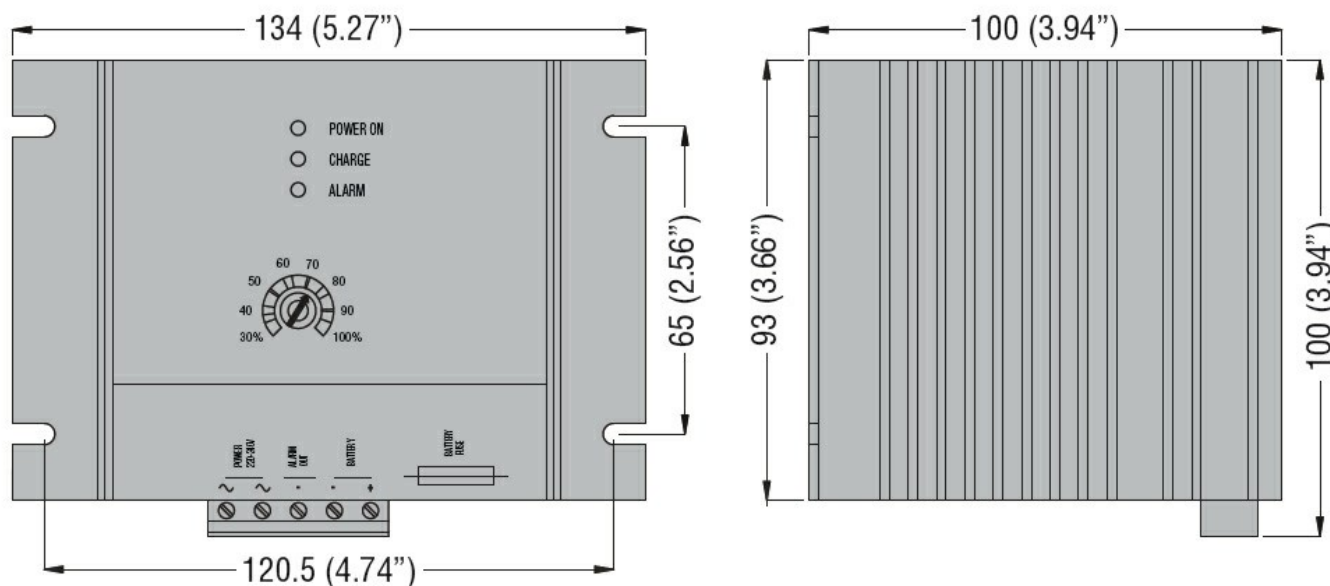
#### Mechanical features

Housing type	Internal panel mounting
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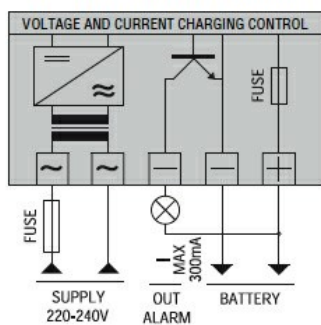
Terminals type	Removable/plug- in
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Fixing				Screw fixing
Weight	g			1992
Ambient conditions				
Temperature	Operating temperature			
	min	°C	-10	
	max	°C	+50	
	Storage temperature			
	min	°C	-30	
	max	°C	+80	
Protection degree				IP00

## Dimensions



## Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN 60335-2-29

### Certificates

EAC

## ETIM classification

ETIM 8.0

EC000359 -  
Universal charger