



Product designation	Automatic battery chargers
Product type designation	BCE
Type	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	222
	Max	W	46
Internal fuse		A	4

Charging cycle

Reference standards	IEC60335-2-29
Battery type	lead-acid
Battery voltage	VDC 12
Charging voltage (Uc)	13.8
Charging current (Ic)	A 6
Charging current adjustment	% Ic 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.
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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

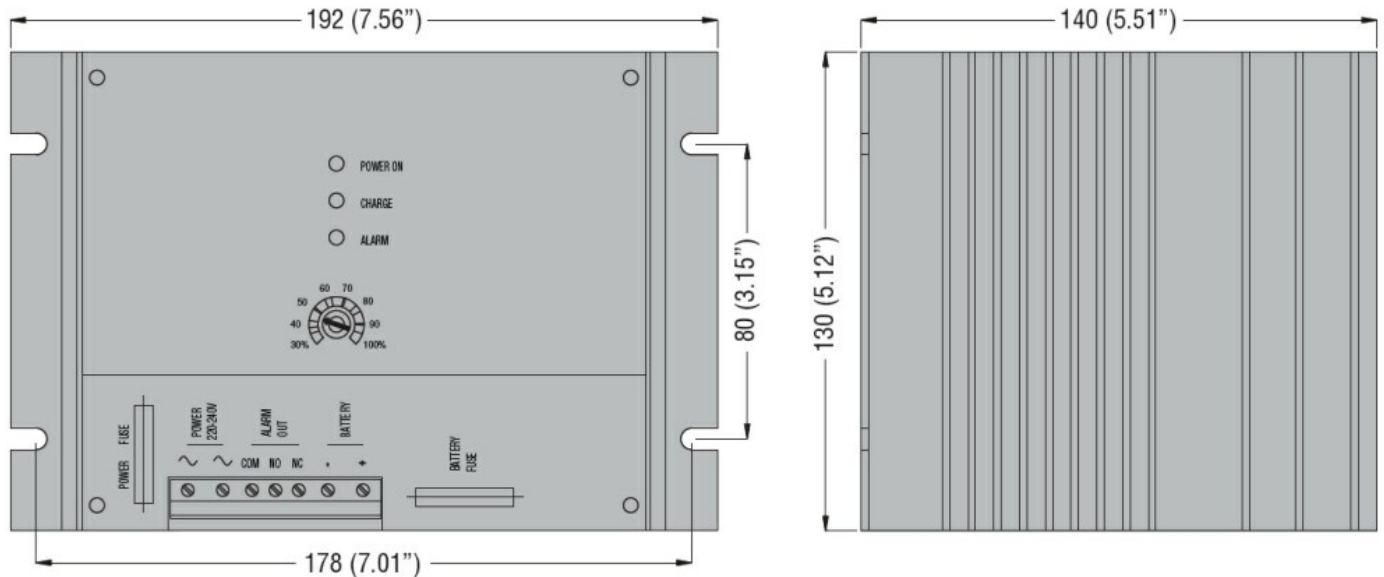
Housing type	Internal panel mounting	
Terminals type	Fixed	
Fixing	Screw fixing	
Weight	g	4832

Ambient conditions

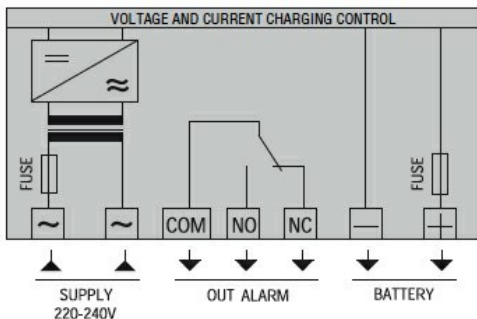
Temperature	Operating temperature		
	min	°C	-10
	max	°C	+50
Storage temperature	Storage temperature		
	min	°C	-30
	max	°C	+80

Protection degree	IP00
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Dimensions



Wiring diagrams



Certifications and compliance

Compliance	IEC/EN 60335-2-29
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Certificates	EAC
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ETIM classification

ETIM 8.0	EC000359 - Universal charger
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