

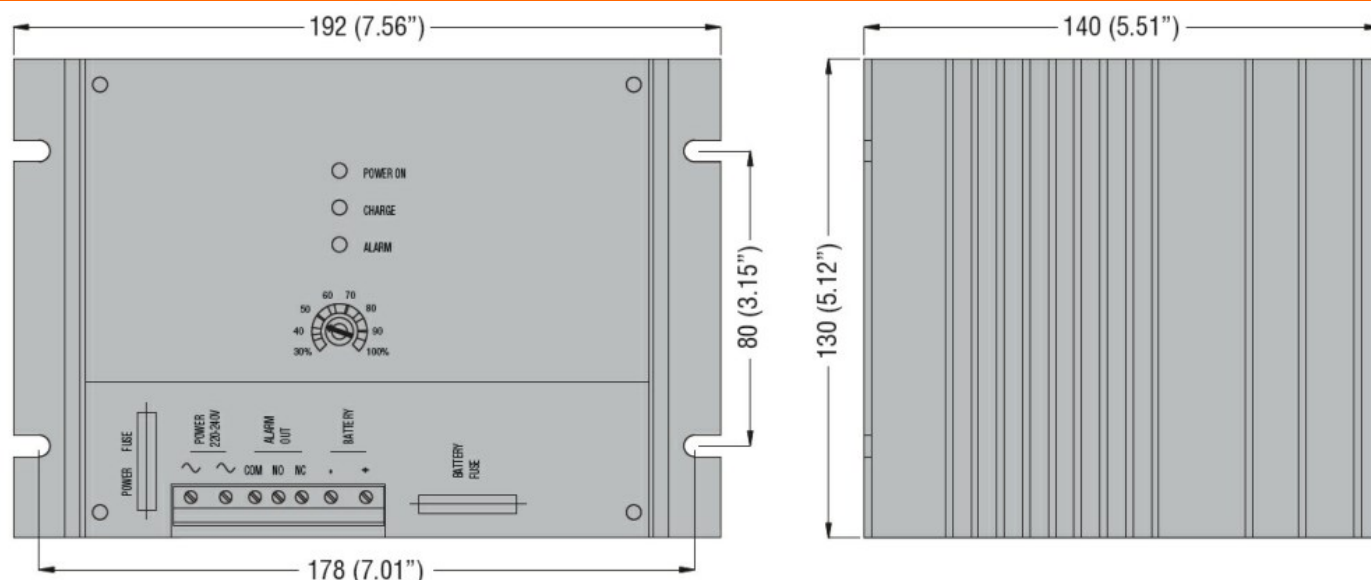


Product designation	Automatic battery chargers
Product type designation	BCE
Type	Single phase automatic battery charger 1 charging level for lead-acid batteries

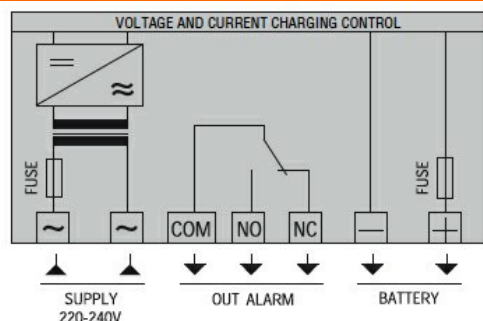
<b>Power supply</b>			
Rated voltage $U_s$	min	VAC	220
	Max	VAC	240 $\pm 10\%$
Operational frequency	min	Hz	50 $\pm 5\%$
	max	Hz	60 $\pm 5\%$
Power consumption	Max	VA	317
	Max	W	40
Internal fuse		A	4
<b>Charging cycle</b>			
Reference standards			IEC60335-2-29
Battery type			lead-acid
Battery voltage		VDC	24
Charging voltage ( $U_c$ )			27.6
Charging current ( $I_c$ )		A	5
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.
<b>Indications</b>			
LED indicator for operating status			Yes
LED reverse battery polarity			Yes
<b>Alarm output circuit</b>			
Output type			Relay with 1 c/o (SPDT)
Rated capacity			AC1: 5A 250VAC; DC13: 5A 30VDC

Mechanical life	cycles	>3000000
Electrical life	cycles	>1000000
<b>Mechanical features</b>		
Housing type	Internal panel mounting	
Terminals type	Fixed	
Fixing	Screw fixing	
Weight	g	4960
<b>Ambient conditions</b>		
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