



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	222
Max	W	46

Internal fuse

A	4
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Charging cycle

Reference standards IEC60335-2-29

Battery type lead-acid

Battery voltage VDC 12

Charging voltage (U_c) 13.8

Charging current (I_c) A 6

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.

Indications

LED indicator for operating status Yes

LED reverse battery polarity Yes

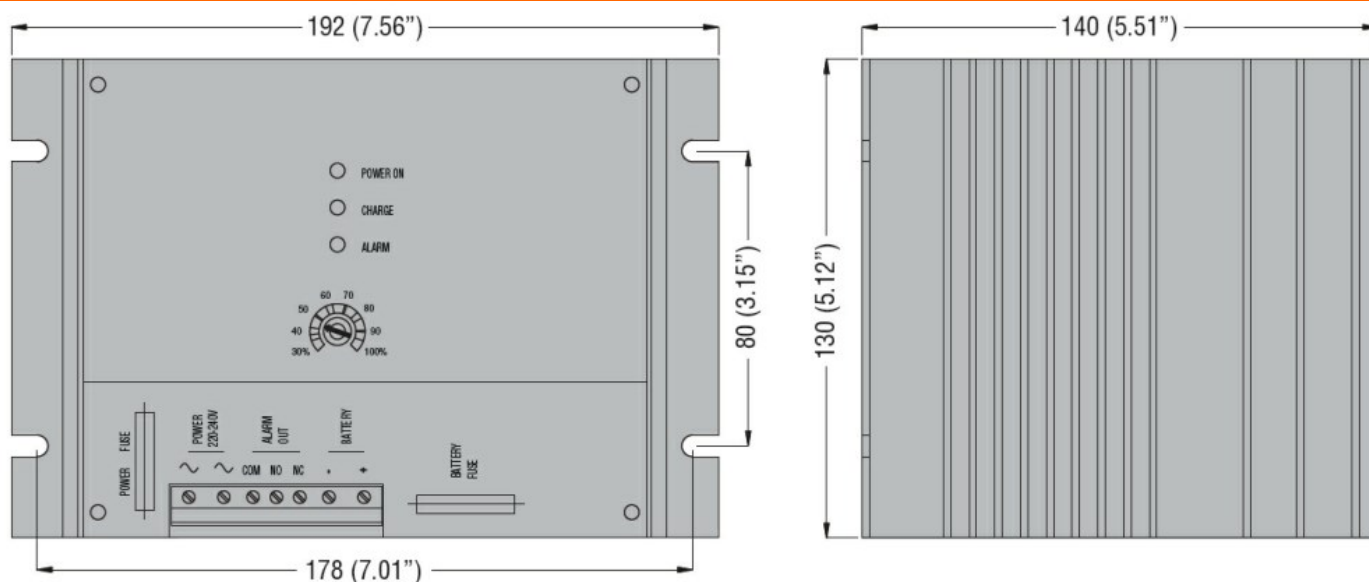
Alarm output circuit

Output type Relay with 1 c/o (SPDT)

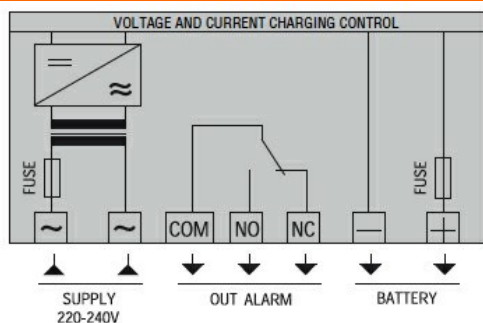
Rated capacity AC1: 5A
250VAC; DC13:
5A 30VDC

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		
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