

Product designation	Automatic battery chargers		
Product type designation	BCG		
Type	Single phase automatic battery charger 1 charging level for sealed and non-sealed lead-acid batteries		
<b>Power supply</b>			
Rated voltage Us	min	VAC	110
	Max	VAC	240 ±10%
Operational frequency	min	Hz	50 ±10%
	max	Hz	60 ±10%
Power consumption	Max	VA	364
	Max	W	158
Internal fuse		A	6.3
<b>Charging cycle</b>			
Reference standards	IEC62368-1		
Battery type	non-sealed and sealed lead-acid batteries		
Battery voltage		VDC	24
Charging voltage (Uc)	in pos. V1:27.6; V2:27.0		
Boost		% Uc	+4.4
Charging current (Ic)	5		
Charging current adjustment		% Ic	20 to 100
Protections	Main supply 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	1 relay		
Rated capacity	5A 30VDC		
<b>Mechanical features</b>			
Housing type	Internal panel mount		
Terminals type	Fixed		
Fixing	35mm DIN rail or Screw fixing		
Weight		g	532

**Ambient conditions**

Temperature

Operating temperature

min	°C	-30
max	°C	+55

Storage temperature

min	°C	-30
max	°C	+80

Protection degree

IP20

**Dimensions**

**Wiring diagrams**

**Certifications and compliance**

Compliance

CSA C22.2 n°60950-1
IEC/EN/BS 61000-6-2
IEC/EN/BS 61000-6-3
IEC/EN/BS 62368-1
UL 60950-1

Certificates

cURus
EAC

**ETIM classification**

ETIM 8.0

EC000359 -  
Universal charger