

Battery charger: BC 2412

Type of Charger: Switch mode.

Charge characteristics: I/U/U.



Subject:	Data:	Note:
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1. Electrical input

Main supply	230 VAC 50-60 Hz	(190-254 VAC)
Rated power	300 W	
Consumption from main supply	Max 3 A	
Calix connector system	230 V / 16 A	

2. Electrical output

System voltage	24 VDC	
Charging voltage	28,8 V / 27,6 V	High / low charging phase
Max charging current	12 A	
Charging current according to EN 60335-2-29	12 A	
Consumption from battery	< 1 mA	
Recommended battery capacity	30-300 Ah	At normal use in vehicle, 100% discharge. 50% discharge 300Ah. All at +20°C.
Short circuit protection	Built in	
Protection against wrong connection	Yes	Alt. External fuse
Fuse, secondary side	Yes	Alt. External fuse 20A
Temperature controlled charging	No	
Secondary wire harnesses	RK AWG14	

3. Dimension

Length x width x height	192 x 98 x 49 mm	
Weight with cables	1,5 kg	
Length secondary cables	1500mm	with ring terminal M8

4. Temperature range

Usage temperature	-25°C to +40°C	Battery charging range
Charger operating temperature	-40°C to +55°C	Reduced charging capacity from +40°C
Storage temperature	-40°C to +105°C	IEC 60068-2-14 Test Nb

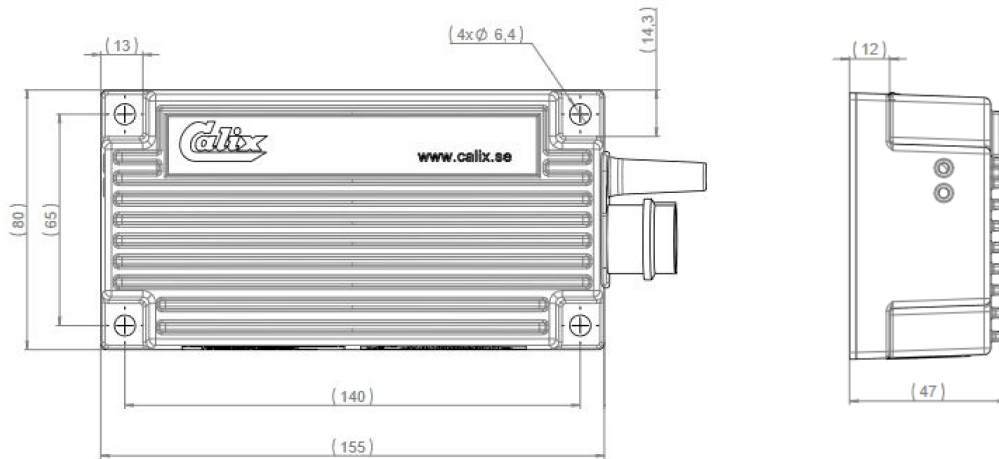
5. Degree of protection

Degree of protection	IP46	IEC 60529.
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6. Certification

Electrical safety	EN 60 335-1. EN 60 335-2-29.	
EMC-emission/Immunity	EN 62 233.	
EMC-Directive	EN 61000-3-2. EN 61000-3-3. EN 61000-6-2. EN 61000-6-3.	

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7. Dimension drawing.

We reserve the right to change technical data without prior notice.