

Battery charger: BC 2412

Type of Charger: Switch mode.

Charge characteristics: I/U/U.



Subject:	Data:	Note:
1. Electrical input		
Main supply	230 VAC 50-60 Hz	(190-254 VAC)
Rated power	300 W	
Consumption from main supply	Max 2 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 resistance		
Operating temperature	-40°C to +60°C	Reduced capacity from +40°C
Storage temperature	-40°C to +105°C	IEC 60068-2-14 Test Nb
5. Degree of protection (IEC 60529)		
Degree of protection IEC 60529:2014	IP46	Cert no. 1509128
7. Certification		
Electrical safety	EN 60 335-1:2012 EN 60 335-2-29:2004	Cert no. 1509128
EMC-emission/Immunity	EN 62 233:2008	Cert no. 1509128