

## Battery charger: BC 2405

Type of Charger: Switch mode.

Charge characteristics: I/U/U.



Subject:	Data:	Note:
<b>1. Electrical input</b>		
Main supply	90-264 VAC 47-63Hz	Wide input
Rated power	100 W	
Consumption from main supply	Max 1 A	
Calix connector system	230 V / 16 A	
<b>2. Electrical output</b>		
System voltage	24 VDC	
Charging voltage	28,8 V / 27,6 V	High / low charging phase
Max charging current	5 A	
Charging current according to EN 60335-2-29	5 A	
Consumption from battery	< 1 mA	
Recommended battery capacity	20-100Ah	At normal use in vehicle, 100% discharge. 50% discharge 100Ah. All at +20°C.
Short circuit protection	Built in	
Protection against wrong connection	Yes	Alt. External fuse 10A
Fuse, secondary side	Yes	Alt. External fuse 10A
Temperature controlled charging	No	
Secondary wire harnesses	RK AWG16	
<b>3. Dimension</b>		
Length x width x height	155 x 80 x 47 mm	
Weight with cables	0,8 kg	
Length secondary cables	1800mm	with ring terminal M6
<b>4. Temperature resistance</b>		
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
<b>5. Degree of protection (IEC 60529)</b>		
Degree of protection IEC 60529:2014	IP46	Cert no. 1509127
<b>7. Certification</b>		
Electrical safety	EN 60 335-1:2012 EN 60 335-2-29:2004	Cert no. 1509127
EMC-emission/Immunity	EN 62 233:2008	Cert no. 1509127