

Battery charger: BC 2405

Type of Charger: Switch mode.

Charge characteristics: I/U/U.



Subject:	Data:	Note:	
1. Electrical input			
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		
2. Electrical output			
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, 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		
3. Dimension			
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	
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 (IEC 60529)			
Degree of protection IEC 60529:2014	IP46		
7. Certification			
Electrical safety	EN 60 335-1:2012+A11+A13+A14+A2 EN 60 335-2-29:2004+A2+A11		
EMC-emission/Immunity	EN 62 233:2008		
8. Doc. change record			
Date	Change description	Sign	Rev