

Battery charger: BC 1230

Type of Charger: Switch mode. Charger with temperature controlled charging
Charge characteristics: I/U/U.



| Subject: | Data: | Note: |
|---|---|--|
| 1. Electrical input | | |
| Main supply | 230 VAC 50-60 Hz | (190-254 VAC) |
| Rated power | 450 W | |
| Consumption from main supply | Max 2 A | |
| Calix connector system | 230 V / 16 A | |
| 2. Electrical output | | |
| System voltage | 12 VDC | |
| Charging voltage | 14,4 V / 13,7 V | High / low charging phase |
| Max charging current | 30 A | |
| Charging current according to EN 60335-2-29 | 30 A | |
| Consumption from battery | < 1 mA | |
| Recommended battery capacity | 60-400 Ah | At normal use in vehicle, 100% discharge. 50% discharge 200Ah. All at +20°C. |
| Short circuit protection | Built in | |
| Protection against wrong connection | Yes | Alt. External fuse |
| Fuse, secondary side | No | |
| Temperature controlled charging | Yes | 3 mV/degree @ 25°C |
| Secondary wire harnesses | RK AWG10 | Temp sense integrated in black cable shoe, minus connector |
| 3. Dimension | | |
| Length x width x height | 192 x 98 x 49 mm | |
| Weight with cables | 1,7 kg | |
| Length secondary cables | 1500 mm | 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. 1509129 |
| EMC-emission / Immunity | EN 62 233:2008 | Cert no. 1509129 |