

# CPC Charger 2420

**Modern 24 V charger with a charging current of 20 A, adjustable charging characteristic and pluggable leads.**

- // 15 selectable charging characteristics
- // Short-circuit proof
- // Robust metal housing
- // Neutrik connector
- // Complies with DIN 14679:2024-02

The robust and rubberised mounting rim allows both a secure, vibration-free and particularly easy attachment in the vehicle and - when used as a portable charger - the device can be placed down without the risk of damaging sensitive vehicle surfaces. Installation is also made much easier by a Neutrik connector and highly flexible Twinflex charging cables.
Thanks to the 15 charging characteristics stored in the internal memory, the CPC charger can be set to any wet, gel or AGM lead-acid battery and the appropriate capacity. The optional temperature sensor improves the charging of the batteries at strongly varying temperatures and, together with the proven three-stage IUoU charging characteristic curve, ensures optimum battery charging that is as gentle as possible.

# Technical Information

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| **Charging current** | 20 A* |
| **Output voltage (DC)** | 24 V* |
| **Battery capacity** | 60 Ah ... 200 Ah |
| **Cable length, AC input** | 1.5 m |
| **Cable length, DC output** | 1.5 m |
| **Charging characteristic** | 15 selectable charging programms |
| **Complies with DIN 14679:2024-02** | yes |
| **Connection DC output** | Phoenix Contact |
| **Connector, AC input** | Neutric plug |
| **Input voltage (AC)** | 230 V |
| **Input voltage range** | 195 … 264 V |
| **International Protection (IP class)** | IP21 |
| **Main charge** | 28.2 V/28.8 V |
| **Operating temperature** | -30 °C ... +60 °C |
| **Protection class** | I |
| **Ripple** | < 3 % |
| **Switching frequency** | 100 kHz |
| **Trickle charge** | 27 V/27.2 V/27.6 V |
| **Dimensions (L x W x H)** | 264 x 127 x 86 mm |
| **Weight** | 1.5 kg |

*In the chosen option

# Technical Information

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|---|---|
| **Type of battery** | Lead acid (wet, gel, AGM) |

*In the chosen option