



CTEK GRID CENTRAL 500 - CGC500™ 100A

The CTEK GRID CENTRAL 500 - CGC500™ 100A is the high capacity version of CTEK's grid central for NanoGrid™ load balancing and monitoring of electrical vehicle charging networks. The CGC500™ can monitor and manage up to 500 charging station EV connectors. It can monitor other loads at the installation site for load balancing of the entire power network. CGC500™ comes in three different versions depending on the chosen current sensor:

CGC500™ for 100 A has a maximum conductor diameter of 15.7 mm.

The CGC500™ communicates with the charging stations using a LAN connection.

MATERIAL	Steel
DIMENSIONS	21x30x40 cm (DxWxH)
WEIGHT	9 kg
COLOUR	Grey
STANDARD	NANOGRID™
ARTICLE NO.	40-382
E-NUMBER	24 80 251

OVERVIEW

CGC500™ consists of the following components:

One enclosure with keys and with the following components mounted inside:

- Energy meter with current transformers (depending on specied ampere level)
- Industrial PC
- Power supply 24 V
- Fuse 10A
- Terminal blocks for 230VAC
- Triangular key for door

All the components are mounted on a DIN rail.

