

# GDC (20-30 KW)



## High efficiency

Engineered to deliver optimal performance with minimal energy consumption, ensuring quick and seamless operation.

## Excellent adaptability

Designed to fit various environments and user needs, offering flexible solutions for diverse applications.

## Intelligent control

Equipped with smart technology for intuitive operation, real-time monitoring, and effortless adjustments.

## Safety & Protection

Built with advanced safety features, offering reliable protection against environmental factors and operational risks.

|                             | Model                      | GDC 20 - 30K   |               |
|-----------------------------|----------------------------|--|---------------|
| Input Parameter             | Power Supply               | 3P+N+PE<br>380VAC ±15%   |               |
|                             | Rated Voltage              | 45/65 Hz   |               |
|                             | Frequency                  |  |               |
|                             | THDI                       | ≤5%  |               |
|                             | Efficiency                 | ≥ 95%  |               |
| Output                      | Power Factor               | ≥ 0.99   |               |
|                             | Connector Type             | CCS1 / CCS2 / GB / T / ChAdeMO   |               |
|                             | Voltage                    | 200-1000V DC   |               |
|                             | DC Current                 | 200A max / 250A (Optional)   |               |
|                             | Power Rating               | 20kW / 30kW  |               |
|                             | Voltage Accuracy           | ±0.5%  |               |
|                             | Current Accuracy           | ±1%  |               |
|                             | HMI                        | 7-inch Touchscreen   |               |
|                             | Charging Start Method      | RFID Card / QR Code / Password   |               |
|                             | Cable Length               | 5m   |               |
| General                     | Communication Protocol     | OCPP 1.6J  |               |
|                             | Operating Noise Level      | ≤ 75dB   |               |
|                             | Ingress Rating             | IP54   |               |
|                             | IK Rating                  | IK08 (display is IK08)   |               |
|                             | Power Meter                | Accuracy Class 1 energy meter  |               |
|                             | Enclosure                  | Galvanized steel, surface sprayed with anti-corrosion paint  |               |
|                             | Place of Installation      | Indoor / Outdoor   |               |
|                             | Product Dimensions (W*D*H) | 650*440*268mm  | 650*440*268mm |
|                             | Package Dimensions (W*D*H) | 980*700*630mm  | 980*700*630mm |
|                             | Protection                 | Over Current, Under Voltage, Over Voltage, Short Circuit, Residual Current, Surge Protection, Over Temperature |               |
|                             | Certification Standards    | IEC 62196-2017, IEC 61851-2017, SAE J1772/ChAdeMO etc.   |               |
|                             | Network Connection         | Cellular Modem : Wifi 4G Lan: 10/100Base-T Ethernet  |               |
|                             | Environment                | Operating Temperature  | -25°C - +55°C |
| Storage Temperature         |                            | -40C - +75C  |               |
| Maximum Installation Height |                            | ≤ 2000m  |               |
| Operating Humidity          |                            | 5% - 95% RH  |               |