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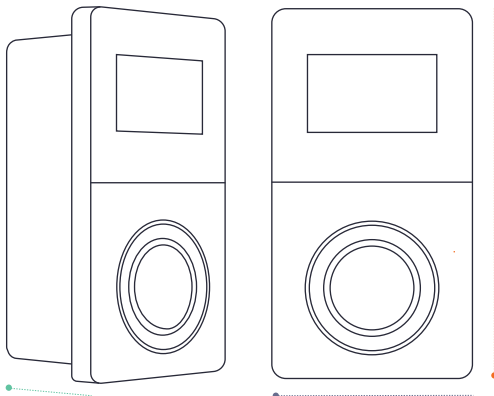
DATA SHEET

# MaxiCharger Gen2

## Smart LCD AC 22kW

# Product Overview

- Height: **315mm**
- Width: **170mm**
- Depth: **117mm**



| Product name                     | Product code | Connection type | Charging power                                  | Input/output voltage                                       |
|----------------------------------|--------------|-----------------|-------------------------------------------------|------------------------------------------------------------|
| MaxiCharger Gen 2<br>AC 22kW LCD | EVASEVLCD    | Type 2 Socket   | Three phase: 11kW / 22kW<br>Single Phase: 7.4kW | Three Phase: 400V (3x230V) +15%<br>Single Phase: 230V~+15% |

# Technical Data

|                                                 | EVASEVLCD                                                                                                                                                                                                                     |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Charging type</b>                            | Mode 3, Type 2                                                                                                                                                                                                                |
| <b>Rated current</b>                            | 32 A/16A                                                                                                                                                                                                                      |
| <b>Rated frequency</b>                          | 50Hz                                                                                                                                                                                                                          |
| <b>Grounding system</b>                         | TN,TT,IT                                                                                                                                                                                                                      |
| <b>Ground fault detection</b>                   | AC 30mA + DC 6mA                                                                                                                                                                                                              |
| <b>Protection</b>                               | Overcurrent, overvoltage, undervoltage, integrated surge protection                                                                                                                                                           |
| <b>PME fault detection /<br/>pen protection</b> | Yes (incorporated within the unit)                                                                                                                                                                                            |
| <b>Load management</b>                          | Integrated static load management / Dynamic load balancing capabilities                                                                                                                                                       |
| <b>Metering accuracy</b>                        | ±1%, MID                                                                                                                                                                                                                      |
| <b>Material</b>                                 | Plastic, full specification upon request                                                                                                                                                                                      |
| <b>IP &amp; IK rating</b>                       | IP54, IK10                                                                                                                                                                                                                    |
| <b>Operating altitude</b>                       | 2000m                                                                                                                                                                                                                         |
| <b>Operating temp range</b>                     | -30°C~50°C                                                                                                                                                                                                                    |
| <b>Storage temp range</b>                       | -40°C~70°C                                                                                                                                                                                                                    |
| <b>Weight</b>                                   | 3.20 kg                                                                                                                                                                                                                       |
| <b>Dimensions (h×w×d)</b>                       | 315mm x 170mm x 117mm                                                                                                                                                                                                         |
| <b>Communication protocols</b>                  | OCPP 1.6J, OCPP 2.0.1                                                                                                                                                                                                         |
| <b>Connectivity</b>                             | 4G, Wi-Fi, Bluetooth, Ethernet, RS-485 Wi-SUN                                                                                                                                                                                 |
| <b>User authentication</b>                      | Plug & Charge, Autocharge, RFID, APP                                                                                                                                                                                          |
| <b>Card reader</b>                              | ISO 15693, ISO 14443 A/B                                                                                                                                                                                                      |
| <b>Screen</b>                                   | EVASEVLCD 800mm x 480mm touchscreen                                                                                                                                                                                           |
| <b>Ambient light sensor</b>                     | Yes                                                                                                                                                                                                                           |
| <b>Vehicle communication</b>                    | ISO15118-2/20                                                                                                                                                                                                                 |
| <b>Phase balancing</b>                          | LCD & Digital Only 3 phase units only                                                                                                                                                                                         |
| <b>Colour</b>                                   | Black & Grey                                                                                                                                                                                                                  |
| <b>Safety standards</b>                         | EN/IEC 61851-1; EN/IEC 62196-2 (Type 2 Interface); EN/IEC 62955 (RDC-DD); EN IEC 61851-21-2; EN 62311; EN 62479; EN 50470-1/-3 (metered SKUs); EMC Class B; EN 300 328; EN 300 330; EN 301 489-1/-3/-17/-52; EN 301 908-1/-13 |
| <b>Certification</b>                            | CE & UKCA (Declaration of Conformity based on the above EN/IEC standards). UK: compliant with the Electric Vehicles (Smart Charge Points) Regulations 2021 (Schedule 1)                                                       |
| <b>Warranty</b>                                 | 3 years                                                                                                                                                                                                                       |



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