

# EU Declaration of Conformity



**Manufacturer | Address:** go-e GmbH | Satellitenstraße 1 | 9560 Feldkirchen in Kärnten | Austria

**Description and identification of the object for which this declaration of conformity is issued:**

**Product designation | Type:** go-e Charger Gemini 2.0 | 11 kW / 22 kW

## **Brief description:**

EV supply equipment intended for Mode 3 charging with RFID (13.56 MHz), WLAN (2412 - 2472 MHz), GPRS/EDGE (E-GSM-900, DCS-1800) and LTE (B1, B3, B5, B7, B8, B20) for stationary installation by a qualified electrician. The devices are marked with a serial number starting with GM-20-.

## **Charging box:**

Maximum power: 11 kW / 22 kW  
Communication interfaces: WLAN 802.11b/g/n 2.4 GHz, RFID, GPRS/EDGE (E-GSM-900, DCS-1800) and LTE (B1, B3, B5, B7, B8, B20)  
Frequency band(s) of operation: **WLAN:** 20 / 40 MHz: 2412 - 2472 MHz / 2412 - 2472 MHz @19.13dBm  
**LTE-FDD B1:** 1920 - 1980 MHz UL / 2110 - 2170 MHz DL @23dBm  
**LTE-FDD B3:** 1710 - 1785 MHz UL / 1805 - 1880 MHz DL @23dBm  
**LTE-FDD B5:** 824 - 849 MHz UL / 869 - 894 MHz DL @23dBm  
**LTE-FDD B7:** 2500 - 2570 MHz UL / 2620 - 2690 MHz DL @23dBm  
**LTE-FDD B8:** 880 - 915 MHz UL / 925 - 960 MHz DL @23dBm  
**LTE-FDD B20:** 832 - 862 MHz UL / 791 - 821 MHz DL @23dBm  
**GPRS / EDGE E-GSM-900:** 880 - 915 MHz UL / 925 - 960 MHz DL @33dBm  
**GPRS / EDGE DCS-1800:** 1710 - 1785 UL / 1805 - 1880 MHz DL @30dBm  
**RFID:** 13.56 MHz(max. 60dBµA/m at 10m)

## **Connection:**

Connection on infrastructure side: via at least 1.8 meters supply cable, three-phase 230 V / 400 V  
Connection on vehicle side: Type 2 socket according to EN 62196-2:2017

**The manufacturer declares sole responsibility for the conformity of the object described above with the following relevant harmonization legislation of the European Union, when used as intended:**

Directive 2014/53/EU (Radio Equipment Directive)  
Directive 2011/65/EU (RoHS)

**The following harmonized standards or other technical specifications have been applied:**

Health and safety: EN IEC 61851-1:2019  
EN IEC 62311:2020  
EN 62752:2016+A1:2020  
Electromagnetic compatibility: EN 301 489-1 V2.2.3  
EN 301 489-3 V2.3.2  
EN 301 489-17 V3.2.4  
EN 301 489-52 V1.2.1  
EN IEC 61851-21-2:2021  
EN 61000-3-3:2013, EN 61000-3-2:2014, EN IEC 61000-3-11:2019, EN 61000-3-12:2011  
Use of the radio frequency spectrum: EN 300 330 V2.1.1  
EN 300 328 V2.2.2  
EN 301 511 V12.5.1  
EN 301 908-1 V15.1.1  
EN 301 908-13 V13.2.1  
RoHS: EN IEC 63000:2018

The notified body **TÜV Rheinland LGA Products GmbH** (0197) performed the conformity assessment according to module B and issued the **EU-type examination certificate: RT 60176554 0001.**

**Signed for and on behalf of:**

Feldkirchen in Carinthia, 17.10.2024

Place, date

Susanne Palli, CEO go-e GmbH