

EU – Declaration of conformity – English (DoC)

Egant As declare that EV Charger **EGANT TBH22KW-1** is issued under the sole responsibility of the manufacturer and that it has been manufactured and tested in accordance with the EU directives and the harmonized standards listed below.

Radio Equipment Directive (RED) 2014/53/EU Rohs Directive 2011/65/EU

provided that it is installed in accordance with national regulations and that it is used and maintained in accordance with the manufacturer's instructions.

Applied harmonized standards (towards RED, LVD, EMC & RoHS):

| Article | Standard | Test Report nr. | Issued by |
|----------------------|---|------------------|--|
| RED 3.1a (Safety) | EN IEC 61851-1:2019 | 2311A0656SHA-001 | INTERTEK Testing Services Shanghai Ltd. |
| | EN IEC 62196-1:2022 | 2311A0656SHA-002 | |
| | EN IEC 62196-2:2022 | 2311A0661SHA-001 | |
| | IEC 62955:2018 | | |
| RED 3.1a (Health) | EN 50364:2018 | 2311A0662SHA-004 | INTERTEK Testing Services Shanghai Ltd. |
| RED 3.2 (Radio) | EN 300 330 V2.1.1 | 2311A0662SHA-001 | INTERTEK Testing Services Shanghai Ltd. |
| RoHS | RoHS-direktiv 2011/65/EU og (EU) 2015/863 | 2311A0664SHA-001 | INTERTEK Testing Services Shanghai Ltd. |
| REACH | EU REACH forordningsnr. 1907/2006 Artikkel 33(1) | 2311A0665SHA-001 | INTERTEK Testing Services Shanghai Ltd. |

Applied non-harmonized standards:

| Article | Standard | Test Report nr. | Issued by |
|-------------------|------------------------|------------------|--|
| RED 3.1b (EMC) | EN 301 489-1 V2.2.3 | 2311A0662SHA-002 | INTERTEK Testing Services Shanghai Ltd. |
| | EN 301 489-1 V2.3.2 | 2311A0662SHA-002 | |
| | EN IEC 61851-21-2:2021 | | |

Comments : Intertek Testing Services Shanghai Ltd. has confirmed that the RCD solution (EN IEC 61851-1:2019 section 8.5), designed in accordance with built-in RDC-MD 6mA DC (IEC 62955: 2018) together with external RCD Type A (30mA AC), meets the safety requirements of LVD.

Additional info: The earth fault circuit breaker (RDC) is automatically tested between each charging session or at least every 120 hours, as described in IEC 62955. Manual means of operation are omitted.

The switching device will automatically isolate the Type-2 socket when not charging a connected vehicle or whenever the RDC detects a leakage current exceeding 6 mA DC. RDC is reset by disconnecting the charging cable from the socket.

Egersund 01.08.2024



Hans Petter Slettebø (sign)
Responsible representative