

EU Declaration of Conformity

The manufacturer states that the products are in conformity with
Radio Equipment Directive 2014/53/EU

Manufacturer eSystems MTG GmbH
Bahnhofstrasse 100
73240 Wendlingen
Germany

As manufacturer we state that the products comply with EU legislation. We take full responsibility for the product's compliance of the below listed EV supply equipment (Mode 3 according to EN IEC 61851-1).

Type	Radio technology	Metrology	Power (kW)	Phase(s)	Current [A]	Vehicle Coupler Type
ENG11E102	RFID, WLAN	None	11	3	16	2 (IEC)
ENG22E102 ENG22E104	RFID, WLAN	None	22	3	32	2 (IEC)
ENG22E212 ENG22E214	RFID, WLAN, LTE, GSM	None	22	3	32	2 (IEC)
ENG22E222 ENG22E224	RFID, WLAN, LTE, GSM	MID Meter	22	3	32	2 (IEC)

Further EU legislation have been observed as far as applicable:

- Electromagnetic Compatibility - Directive 2014/30/EU
- Low Voltage - Directive 2014/35/EU
- Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) - Directive 2011/65/EU
- MID Directive 2014/32/EU
 - MID Meter:

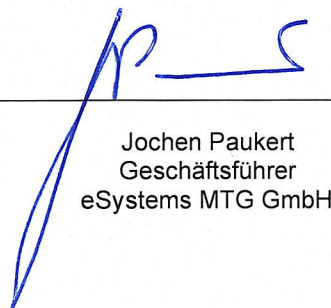
The integrated meter is MID compliant and integrated into the EVSE according to the technical specification of the manufacturer of the MID meter.

Compliance is demonstrated by the application of the following designated standards and/or other normative documents or regulations listed below:

EN 50470-1:2006/A1:2018	Electricity metering equipment (a.c.) - Part 1: General requirements, tests and test conditions - Metering equipment (class indexes A, B and C)
EN 50470-3:2022	Electricity metering equipment - Part 3: Particular requirements - Static meters for AC active energy (class indexes A, B and C)
EN 55032:2015/A1:2020	Electromagnetic compatibility of multimedia equipment - Emission requirements
EN IEC 61439-1:2021/ AC:2022-01	Low-voltage switchgear and controlgear assemblies - Part 1: General rules
EN IEC 61439-7:2020	Low-voltage switchgear and controlgear assemblies - Part 7: Assemblies for specific applications such as marinas, camping sites, market squares, electric vehicle charging stations
EN IEC 61851-1:2019	Electric vehicle conductive charging system - Part 1: General requirements
IEC 61851-21-1:2017	Electric vehicle conductive charging system - Part 21-1 Electric vehicle on-board charger EMC requirements for conductive connection to AC/DC supply
EN IEC 61851-21-2:2021	Electric vehicle conductive charging system - Part 21-2: Electric vehicle requirements for conductive connection to an AC/DC supply - EMC requirements for off board electric vehicle charging systems

EN IEC 62311:2008	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
EN 62479:2010	Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
IEC 62955:2018	Residual direct current detecting device (RDC-DD) to be used for mode 3 charging of electric vehicles
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
ETSI EN 300 328 V2.2.2:2019	Wideband transmission systems - Data transmission equipment operating in the 2,4 GHz band - Harmonised Standard for access to radio spectrum
ETSI EN 300 330 V2.1.1:2017-02	Short range devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz
ETSI EN 301 489-1 V2.2.3:2019-11	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services - Part 1: Common technical requirements - Harmonised Standard for ElectroMagnetic Compatibility
ETSI EN 301 489-3 V2.1.1:2019-03	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; Harmonised Standard for ElectroMagnetic Compatibility
ETSI EN 301 489-17 V2.2.1:2012-09	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems
ETSI EN 301 489-52 V1.2.1:2021-11	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication User Equipment (UE) radio and ancillary equipment; Harmonised Standard for ElectroMagnetic Compatibility
ETSI EN 301 511 V12.5.1:2017-03	European digital cellular telecommunications system (phase 2) - man-machine interface (mml) of the mobile station (ms)
ETSI EN 301 893 V2.1.1:2017-05	5 GHz RLAN - Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
ETSI EN 301 908-1 V13.1.1:2019-11	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements
MessEG	Gesetz über das Inverkehrbringen und die Bereitstellung von Messgeräten auf dem Markt, ihre Verwendung und Eichung sowie über Fertigpackungen (Mess- und Eichgesetz - MessEG)
MessEV	Verordnung über das Inverkehrbringen und die Bereitstellung von Messgeräten auf dem Markt sowie über ihre Verwendung und Eichung (Mess- und Eichverordnung - MessEV)

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Jochen Paukert
 Geschäftsführer
 eSystems MTG GmbH

eSystems MTG GmbH
Bahnhofstraße 100
73240 Wendlingen
Germany

(Stamp)



Sven Heidenwag
 Geschäftsführer
 eSystems MTG GmbH