

AC



ELEVAT

AC wall & standalone

Product information

E 01Wx

standalone or wall version

Charging type: AC type-2 Wall Charger

Outlet options: AC Type-2 socket or plug

INPUT:

Input AC power rating: 32 A, 22 kVA @ 50Hz

Input voltage range: 400 VAC +/- 10% (50 Hz or 60 Hz)

OUTPUT

AC output power rating to 3 x 32 A (22 kW), Type 2

Number of EV served: 1

GENERAL CHARACTERISTICS

Electro-Magnetic Compatibility Class B (Residential) conducted and Class B (Residential) radiated emissions according to EN 61000-6-3:2007

Network type - TN-S, TN-C, TN-C-S, TT (Requires external RCD)

Connector types - 3P + N + PE

Protection undervoltage - Overcurrent, overvoltage, ground fault including, DC leakage protection,

integrated surge protection

Overvoltage category - Type II

Power factor (full load) > 0.99

Efficiency > 0.99%

Standby power < 5 W

Short circuit current - 10 kA

Pre- charge current < 1 A

Inrush current < 10 A

Leakage current 0.03 A

Energy metering : MID metering



STANDALONE

CELLULAR COMMUNICATION

User interface Connectivity” - WiFi

Internet access - via 4G / 4G / 3G / Ethernet (RJ45)

User authentication App - Phone Call, smart App, ISO 15118 Plug'n'Charge, RFID, PIN code App

User interface - Mobile App, SMSI, LCD high-contrast touchscreen

Communication protocols - Elevat ePD 3.0,

RFID Reader - ISO 14443 A + B to part 4, and ISO/IEC 15693, Mifare, NFC, Calypso, Ultralight, PayPass, HID; and more

Emergency button - Yes

Software update - over-the-air updates via ELEVAT system

Control and configuration - Elevat portal, on-board Service Portal, ePD 3.0

Multilanguage system - Slovenian, Croatian, Serbian, English, Italian, Spanish, German and more



TECHNICAL SPECIFICATIONS

IP and IK rating - IP-54 and IK-10 (cabinet)

Enclosure type - Aluminium

Operational altitude - Up to 2000 m

Operating temperature range - -35 °C to +55 °C

Temperature derating up to 40 °C: 100% output power

Storage temperature range - -40 °C to +70 °C

Humidity 2 - 10-95 % Rh non-condensing

Dimensions (900 x 203 x 160)

Mass (kg) 5-7 Kg

Charging system:

- IEC 61851-1 ed 3, IEC 61851-21-2 ed 1, IEC 61851-23 ed 1, IEC 61851-24 ed 1,
IEC 62196-2, IEC 62196-3, IEC 61000

Communication to the EV - DIN 70121, ISO / IEC 15118 - 1

Communication to the backend - ePD 3.0

Safety - Risk assessment

Warranty - Base warranty 24 months

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