

JuicePole

Datasheet



Charging two electric vehicles at the same time is twice as easy and faster than you think.

Enel X JuicePole is a smart, easy and fast way to charge two electric vehicles at the same time. Providing up to 22 kW in AC in each plug, it is perfect for private and public installation settings. JuicePole is future-proof and compatible with all EV models available in Europe.

WHY JUICEPOLE?

RELIABLE

The JuicePole is equipped with an anti-vandal protection system, which protects the station and its sockets when on stand-by.

The JuicePole is equipped with two locking systems that prevent unauthorized disconnection of the plugs during charging

Fully weatherproof enclosure

Take advantage of the remote technical assistance service available 7 days a week

COST-EFFECTIVE

Able to be integrated into Smart Charging Logics, thanks to specific algorithms and advanced smart metering functions

CONTROLLABLE AND EASY TO USE

Access to charging procedure via mobile APP and RFID card, thus by identification and charging authorization

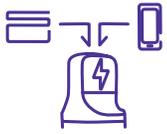
User interface to support the customer during any charging session

Suitable to be integrated in the Recharge Manager platform, to get all the charging sessions you need and to best manage them

PLEASANT AND CUSTOMIZABLE

Possibility to customize the shell materials and colors and to add logos to the user interface

Users instructions



1



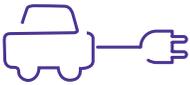
Identify yourself before gaining access to the service through the smartphone App or an RFID (Wireless) Smart Card



2



Await feedback from the charging station



3



Connect the cable and the recharge session starts automatically



4



When the recharging is done, access again through the App/RFID to successfully close the operation and unplug the cable

Intended use

PUBLIC

Charging station installed in a public area or in a private area with public access, open to all type of customers.

PRIVATE

Charging station installed in a private area, available to a limited group of users, for private charging only.

POWER SUPPLY:

AC POWER SUPPLY 3P/1P + N + PE

AC POWER VOLTAGE 230/400 VAC, 50Hz (*)

single and three phase input (*) ready for 60Hz power supply

AC OUTLET

MODE 3 IEC61851-1

Socket Type 3A IEC62196-2 – IP XXD (Shutters)

- > Single phase: 1P + N + PE
- > Max Power: 3,7 kW
- > Max current: 16 A

Socket Type 2 IEC62196-2 XXD (Shutters)

- > Three phase: 3P + N + PE + Pilot + Proximity
- > Max Power: 22 kW
- > Max current: 32 A

PRODUCT	PRODUCT CODE	DESCRIPTION	GRID	CUSTOMER COMMUNICATION INTERFACE	FEATURES	STANDARD VERSION	CUSTOMIZATION OPTIONS
Enel X JuicePole 03+22	1.00JPA03223 ECEU-SDx CA1-000	Type 3A 3kW + Type 2 22kW (25kW 48A @400V)	UMTS SIM	Bluetooth RFID	Top Skin: Bodyshell:	Glossy Black Powder-coated stainless steel Light grey matt	Glossy Moonwhite Corian® Moonwhite matt
Enel X JuicePole 22+22	1.00JPA22223 ECEU-SZx CA1-000	Type 2 22kW + Type 2 22kW (44kW 64A @400V)	UMTS SIM	Bluetooth RFID	Top Skin: Bodyshell:	Glossy Black Powder-coated stainless steel Light grey matt	Glossy Moonwhite Corian® Moonwhite matt

ELECTRICAL CHARACTERISTICS

- > **Configuration 25kW:** 48A @400V (Single phase Type 3A + Three phase Type2)
- > **Configuration 44kW:** 64A @400V (Three phase Type2 + Three phase Type2)

TECHNICAL CHARACTERISTICS

- > 2 Smart certified Meter MID
- > Identification by mobile App or RFID card
- > Monitor TFT 10"
- > Electrical protection Single-phase/Three-phase: MCB (curve D) e RCD type B (30 mA)
- > MCB and RCD protections can be reset by automatic/remote control system

COMMUNICATION STANDARDS AND PROTOCOLS

- > Connection to the central management system using SIM CARD
- > Built-in RFID and Bluetooth for local connectivity
- > Protocols: OCPP 1.6 SOAP and JSON, Enel Proprietary Protocol

ENVIRONMENTAL SETTINGS

- Operative temperature** > -30 °C ÷ +50 °C
- Operating humidity** > 5% ÷ 95%
- Atmospheric pressure** > 860 hPa ÷ 1.060 hPa
- IP Rating: IP 54** > (Weatherproof, dust-tight)
- Mechanical Impact** > IK10
- Charging station flammability rating** > UL94 V0

ENVIRONMENTAL SETTINGS

- Shell customization > colors, materials, stickers/film
 - Graphic User Interface customization > colors
-

WEIGHT & DIMENSIONS

- Weight > 60 kg
 - Dimensions > 1475,5mm x 335mm (diameter)
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SAFETY

- > CEI EN 61851-1 Ed. 2
- > CEI EN 62196-2 phase Type2

