

JuicePole



The JuicePole is a dual socket AC charging station designed for frequent use. It delivers up to 22 kW per port and is compatible with all electric cars. Built to last and engineered to maximise uptime, it is ideally suited for shopping centres, business parks, apartment blocks, car parks and any organisation with electric vehicle charging needs. JuicePole is the perfect solution for workplaces, fleet and charge point operators.

The JuicePole offers the following functions:

- › Access to charging procedure via RFID card
- › Real time communication with Control Centre (EMM) via UMTS
- › Identification and charging authorisation from EMM
- › Remote control of the charging processes
- › User interface to support the customer during the charging session
- › Data acquisition and transmission for each charging process
- › Two charging sockets capable of simultaneous charging
- › Compatible with all EVs: self-locking socket Type 2/Type 3a available in Europe
- › Anti-vandal system protecting the station and sockets when in stand-by mode
- › Two locking systems preventing unauthorised disconnection during charging
- › Can be integrated into Smart Charging Logics thanks to specific algorithm and advanced smart metering functions

JuicePole: SPECIFICATIONS

Power Supply	<ul style="list-style-type: none">> AC Power Supply 3P/1P + N + PE> AC Power Voltage 230/400 VAC, 50/60 Hz: 1-phase and 3-phase input
AC Outlet	<ul style="list-style-type: none">> MODE 3 IEC61851-1> Socket Type 3A IEC62196-2 – IPXXD (Shutters) 1-phase: 1P + N + PE + Control Pilot (CP) Max Power: 3.7 kW Max Current: 16 A*> Socket Type 2 IEC62196-2 IPXXD (Shutters) 3-phase: 3P + N + PE + Pilot + Proximity Pilot (PP) Max Power: 22 kW Max current: 32 A* *Maximum; can be configured via software
Electrical Characteristics	<ul style="list-style-type: none">> Configuration 25 kW: 32 A @ 400 V (1-phase Type 3A + 3-phase Type 2)> Configuration 44 kW: 64 A @ 400 V (3-phase Type 2 + 3-phase Type 2)
Technical Characteristics	<ul style="list-style-type: none">> Two MID-certified smart meters> Identification by RFID card> TFT Monitor 10"> Electrical protection 1-phase/3-phase: MCB (curve D) and RCD type B (30 mA)> MCB and RCD protections resettable by automatic/remote control system
Communication Standards	<ul style="list-style-type: none">> Connection to management system (EMM) using SIM card> Built-in RFID
Environmental Settings	<ul style="list-style-type: none">> Operative temperature: -30° C to +50° C> Relative humidity: 5% to 95%> Atmospheric pressure: 860 hPa to 1.060 hPa> IP rating: IP 54 (Weatherproof, dust-tight)> Mechanical impact: IK10> Charging station flammability rating: UL94 V0
Customisation	<ul style="list-style-type: none">> Shell customisation: colours, stickers/film> GUI customisation: colours, language
Weight & Dimensions	<ul style="list-style-type: none">> Weight: 60 kg> Dimensions: 1475 mm x 335 mm (diameter)
Safety	<ul style="list-style-type: none">> IEC EN 61851-1> IEC EN 62196-2

Specifications and appearance subject to change