



Meet the Ratio io7 Double Charging Pole 22kW MID. This is one of Ratio's latest models and is equipped with a socket. This charging post is fully 'Made in Holland' and is the result of more than 15 years' experience in EV charging. Designed with modern technology and durable materials, this charging station offers the ideal solution for any business. **Flexible charging solution** The Ratio io7 double offers a maximum power of 22 kW and features 2 charging units. This allows multiple electric vehicles to be charged simultaneously, which is ideal for business environments and busier charging locations. The charger is equipped with a SIM card from Ratio as standard, so you are always online. This offers freedom of choice in back office systems. Unlike an E-Flux SIM card, here you cannot switch back offices. You can easily switch between systems such as Tap Electric or Robo charge. This is useful for automatic business charging and monitoring. **Technology and ease of use** The charging station supports various payment and usage methods, including Plug & Charge, RFID and mobile apps. This allows for easy and fast charging, without the hassle of complex systems. The charging station is made of durable aluminium and with a high protection rating, the charging station will always withstand various weather conditions. This makes it suitable for both indoor and outdoor use. The built-in professional lighting also offers advantages; it provides good lighting around the charging station and increases safety, especially in dark environments. The lighting has a low glare factor and provides high light uniformity, ensuring better visibility without excessive light pollution. **Static and Dynamic Load Balancing** Are several cars charging at the same time on the same io7 charging station? Then Ratio's smart software ensures that each vehicle is still optimally charged. This is because they are equipped with Static Load Balancing. This means that the moment there are multiple chargers, the set power is distributed equally across the charging points in use. There is also the option for Dynamic Load Balancing, which can be done by means of the sensor kit. Then your company's other energy consumption is taken into account and the charging speed is automatically adjusted accordingly. This prevents overcharging and ensures that all EVs can be charged safely and efficiently. Choose the Ratio io7 Double Charging Station 22kW MID and enjoy the reliability and convenience of the latest charging technology!

- Extruded aluminium body for long life and high durability
- Designed for speed of installation and maintenance
- Maximised power capacity - intelligent software ensures the optimum amount of charge to each vehicle
- Flexible payment/usage methods including plug & charge, mobile app or RFID controlled charging
- OCPP 1.6 compliant (Can integrate with any back-office)
- Over-the-air firmware/software updates

Article properties

| | |
|------------------|-------|
| ITEM NO. | 38910 |
| MAX. POWER (kW) | 22 |
| SOCKET | yes |
| LENGTH (m) | n/a |
| CAR PLUG | n/a |
| DATA CONNECTION | yes |
| VIEW CONSUMPTION | yes |
| CABLE LOCKING | yes |

General ETIM Properties

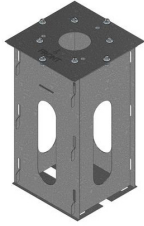
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|----------------|--|
| ETIM Group | Industrial socket/plug applications-EG000014 |
| ETIM Class | Charging device E-Mobility-EC002883 |
| Name | EV Charger Ratio io7 Double 22kW MID |
| Brand | RATIO ELECTRIC |
| Product Series | io7 |
| Product Type | 38910 |
| GTIN | 08720629964539 |

ETIM specifications

| | |
|--|-----------------|
| Calibration law compliant | No |
| With MID compliant energy meter | Yes |
| Backend included in delivery | Yes |
| Export of charging logs | Yes |
| Operation and configuration by app | Yes |
| IFTTT support available | No |
| Compatible with Amazon Alexa | No |
| Compatible with Google Assistant | No |
| Compatible with Apple HomeKit | No |
| Impact strength | IK10 |
| Degree of protection (IP) | IP54 |
| Housing material | Aluminium |
| With display | No |
| Plug and charge (ISO 15118) | No |
| OpenChargePointProtocoll (OCPP) version | 1.6 |
| Suitable for dynamic load management | Yes |
| Static load management integrated | Yes |
| NFC (Near Field Communication) | Yes |
| With built-in RFID card reader | Yes |
| With key switch | No |
| With energy meter | Yes |
| Radio standard 5G | No |
| Long-Term Evolution (LTE) | No |
| Networkable via Wi-Fi | Yes |
| Networkable via LAN | Yes |
| Network-enabled as an extender | No |
| Network-enabled as a master | Yes |
| With miniature circuit breaker (MCB) | No |
| Contacting welding detection | No |
| DC residual current detection | Yes |
| Number of earth leakage circuit breakers type B | 0 |
| Charging cable permanently lockable at charging device | Yes |
| Number of earth leakage circuit breakers type A | 2 |
| Number of household socket outlets | 0 |
| With house connection box | No |
| Number of CEE socket outlets | 0 |
| Number of vehicle connectors CHAdeMO | 0 |
| Number of socket outlets Type 3 | 0 |
| Number of socket outlets GB | 0 |
| Number of vehicle connectors GB DC | 0 |
| Number of vehicle connectors GB AC | 0 |
| Number of socket outlets Type 2 | 2 |
| Number of vehicle connectors Type 2 CCS | 0 |
| Number of vehicle connectors Type 2 | 0 |
| Number of vehicle connectors Type 1 CCS | 0 |
| Number of vehicle connectors Type 1 | 0 |
| Mounting method | Floor fastening |
| Width | 240 mm |
| Max. power per charging point | 22 kW |

| | |
|------------------------------------|---------|
| Number of charging units | 2 |
| Nominal connection power | 22 kW |
| Input voltage | 380 V |
| Installation side connection model | 3-phase |

Accessories

**32414**

EV Charger Mounting Pole
Mounting pole for EV Ratio
Chargers

**38902**

Upgrade kit DLB + PV
Integration Upgrade kit for Ratio
EV Charger

Extra information

Where to buy

[Reseller locator](#)

Manual

[Ratio io7 Manual](#)

Click here for the most recent version. [EV Charger Ratio io7 Double 22kW MID – 38910](#)