



URBAN MASTER M2-C1, Outdoor recharge post

Code: V10635. DESCATALOGADO

> Communications: Ethernet

> Output type: 230 Vca - 32 A - 7,4 kW

> Input current: 67 A

> Connector type: Cable Type 1 > Grid type: Single-phase

> Charge mode: 3 > No. Sockets: 2

> Earth leakage protection: Type A

### Description

The URBAN MASTER/SLAVE devices have been designed to minimise the initial investment and maintenance costs when several chargers are required. This solution consists of a combination of a Master charger that controls a set of Slave chargers.

The system as a whole works as if all the chargers were smart, either by connecting the Master to a manager via OCPP or independently by setting up a white list of users for the group. A maximum power limit for the whole group can also be specified, thus saving on the installation and power costs.

### **Application**

Designed for private facilities such as businesses or residential developments with a single administrator, it also offers an appealing solution for public facilities such as shopping centres, car parks, airports and more.







Outdoor charging posts with Master-Slave system

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## Specifications

| AC power supply                          |   |
|--|---|
| Input intensity                          | 67 A  |
| Frequency                                | 50 60 Hz  |
| Type of network                          | 1Ph + N + GND   |
| Nominal voltage                          | 230 V ~ ± 10 %  |
| Electrical characteristics               |   |
| Overcurrent protection                   | PIA 40 A (curve C)  |
| Cable: Connector type                    | Type 1 cable  |
| Max. output intensity (A)                | 32  |
| Charging mode                            | Mode 3 (IEC 61851-1)  |
| No. of charges                           | 2   |
| Max. output power (kW)                   | 7,4   |
| Voltage                                  | 230 V ~ ± 10 %  |
| Mechanical characteristics               |   |
| Size (mm) width x height x depth         | 450 x 1550 x 290 (mm)   |
| Envelope                                 | Aluminum and ABS  |
| Fastening                                | Floor fixing with 4 bolts   |
| Weight (kg)                              | 55  |
| Environmental characteristics            |   |
| Protection class                         | IP 54 / IK10  |
| Relative humidity (without condensation) | 5 95 %  |
| Storage temperature                      | -20 +60 °C  |
| Working temperature                      | -5 +45 °C   |
| Communication Network                    |   |
| Protocol                                 | ОСРР  |
| Technology / Type                        | Ethernet 10/100 Base TX (TCP/IP)  |
| Standards                                |   |
| Electrical safety, Installation category | CAT III 300 V   |
| Standards                                | IEC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LVD; 2014/30/UE, EMC |
| Electrical safety                        |   |
| Insulation                               | Double-insulated electric shock protection class II (IEC 61010)                                 |
|  |   |







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#### User interface

| RFID (Radio-Frequency Identification) | ISO/IEC 14443 A/B, MIFARE Classic / Desfire EV1 ISO 18092 / ECMA-340, NFC 13,56 MHz |
|---------------------------------------|---|
| LED                                   | RGB color charge indicator  |
| Display type                          | 8' Touch  |

#### Features / performance

| Energy measurement | MID counter Class 1, UNE-EN 50470-3   |
|--------------------|---|
| Optional           | <ul> <li>Anti vandal doors for Type 2 sockets</li> <li>Type A earth leakage protection with automatic reclosing</li> <li>Type B earth leakage protection</li> <li>Type B earth leakage protection with automatic reclosing</li> <li>Surge protection</li> <li>Low temperature kit (- 30°C)</li> <li>Heating and air conditioning unit (-30 +45 °C)</li> </ul> |

### Thermal-magnetic protection

| Trip curve, Type | MCB (Curva C) |  |
|------------------|---------------|--|

## Protection

| Safety relay type (class) | RCD Type A (30 mA) RCD Type B (opcional) |
|---------------------------|--|
|                           |  |

### Output 1

| Maximum current | 230 Vca - 32 A - 7,4 kW |
|-----------------|-------------------------|
| Maximum power   | 230 Vca - 32 A - 7,4 kW |
| Voltage range   | 230 Vca - 32 A - 7,4 kW |
| Connector type  | Cable Type 1            |
| Network type    | Single-phase (AC)       |
|                 |                         |

### Output 2

| Maximum current | 32 A              |
|-----------------|-------------------|
| Maximum power   | 7,4 kW            |
| Voltage range   | 230 Vca           |
| Connector type  | Cable Type 1      |
| Network type    | Single-phase (AC) |

#### URBAN MASTER/SLAVE

Intelligent Master/Slave charging posts

| CODE     | TYPE            | No. Sockets | Output type             | Connector type | Grid type    |  |
|----------|-----------------|-------------|-------------------------|----------------|--------------|--|
| URBAN MA | STER            |             |                         |                |              |  |
| V10632.  | URBAN MASTER M2 | 2           | 230 Vca - 32 A - 7,4 kW | Type 2 socket  | Single-phase |  |







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| CODE     | TYPE               | No. Sockets | Output type             | Connector type | Grid type    |
|----------|--------------------|-------------|-------------------------|----------------|--------------|
| V10633.  | URBAN MASTER T2    | 2           | 400 Vca - 32 A - 22 kW  | Type 2 socket  | Three-phase  |
| V10636.  | URBAN MASTER T2-C2 | 2           | 400 Vca - 32 A - 22 kW  | Type 2 cable   | Three-phase  |
| URBAN SL | AVE                |             |                         |                |              |
| V10642.  | URBAN SLAVE M2     | 2           | 230 Vca - 32 A - 7,4 kW | Type 2 socket  | Single-phase |
| V10643.  | URBAN SLAVE T2     | 2           | 400 Vca - 32 A - 22 kW  | Type 2 socket  | Three-phase  |
| V10646.  | URBAN SLAVE T2-C2  | 2           | 400 Vca - 32 A - 22 kW  | Type 2 cable   | Three-phase  |

System with up to 6 Slave chargers per Master depending on the optional switch chosen. 8" vandal-proof TFT touch screen, independent overcurrent and earth leakage 30-mA, type-B protection per plug, integrated MID-certified energy measurement, RFID reader for authentication and charge activation - ISO 14443 A/B, data storage, Ethernet communications, 4G communications (optional), OCPP 1.5/1.6 communications protocol, Weight: 30 kg, IPS4-IK10 aluminium housing, dimensions 1550x450x290 mm. 4-m cable length (depending on model).



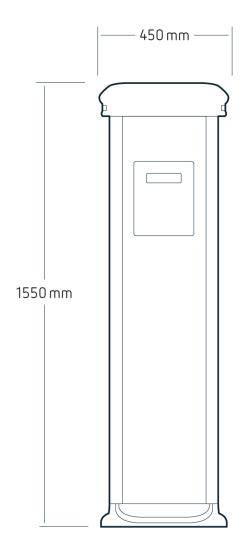


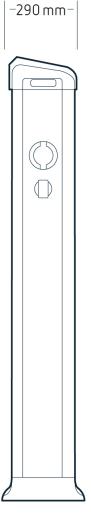


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## **Dimensions**







Page 5 of 5