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## Description

**URBAN** charging posts have been designed as a robust solution for publicly accessible environments, capable of withstanding a wide range of environmental conditions and possible acts of vandalism, while providing simple installation and maintenance for operators.

**URBAN** devices facilitate charging tasks for all kinds of EV users, incorporating all the electrical protections necessary to guarantee safety inside an aluminium metal body. They can use type 1 and type 2 cables and type 2 plugs and/or Schuko plugs in various combinations, enabling recharging in Mode 1-2 and Mode 3 depending on the configuration chosen.

The **URBAN** series is designed for complex applications where the highest standards of performance are required, with remote management and monitoring or integration into management platforms based on the 1.5 or 1.6 OCPP protocol.

## Application

**URBAN** charging posts are especially suitable for all types of outdoor parking. Applications range from public squares, department stores, airports, vehicle sales and rental companies, private car parks, etc.



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## Specifications

### AC power supply

| | |
|---|---|
| Input intensity | 64 A |
| Frequency | 50/60 Hz |
| Type of network | 1F + N + PE |
| Nominal voltage | 230 V ~ ± 10 % |

### Electrical characteristics

| | |
|---|---|
| Overcurrent protection | PIA 40 A (curve C) |
| Cable: Connector type | Type 2 cable |
| Charging mode | Mode 3 (IEC 61851-1) |
| No. of charges | 2 |
| Voltage | 230 V ~ ± 10 % |

### Mechanical characteristics

| | |
|---|---|
| Size (mm) width x height x depth | 450 x 1550 x 290 (mm) |
| Envelope | Aluminio y ABS |
| Fastening | Fijación al suelo con 4 pernos |
| Weight (kg) | 55 |

### Environmental characteristics

| | |
|---|---|
| Protection class | IP 54 / IK10 |
| Relative humidity (without condensation) | 5 ... 95 % |
| Storage temperature | -20 ... +60 °C |
| Operating temperature | -5 ... +45 °C |

### Communication Network

| | |
|---|---|
| Protocol | OCPP 1.6J / 2.0.1 HW Ready |
| Technology / Interface | Ethernet 10/100 Base TX (TCP/IP) |

### User interface

| | |
|---|---|
| RFID (Radio-Frequency Identification) | ISO/IEC 14443 A/B, MIFARE Classic / Desfire EV1, ISO 18092 / ECMA-340, NFC 13,56 MHz |
| LED | Indicador de carga en color RGB |
| Display type | LCD Multi-idiomas |

### Standards

| | |
|---|---|
| Standards | IEC 61851-1, IEC 61851-21-1, IEC 62196-1, IEC 62196-2, Directiva 2014/35/UE, LVD; 2014/30/UE, EMC |

### Features / performance

| | |
|---|---|
| Energy measurement | MID Class 1 Meter, EN 50470-3 |


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|---|---|
| Optional | • 4G / GPRS Modem<br>• Terminal de pago Cloud (Marca: Payter, Modelo: Apollo)<br>• Protección diferencial Tipo A (30 mA) + 6mA CC<br>• Protección diferencial Tipo B<br>• Protector contra sobretensión transitoria IEC 61643-1 (Clase II)<br>• Kit de baja temperatura (-30 °C) |

**Protection**

| | |
|---|---|
| Element | - MCB (40A) Curva de disparo "C" por toma. - RCD Tipo A (30 mA) por toma. |

**Output 1**

| | |
|---|---|
| Maximum current | 32 A |
| Maximum power | 7,4 kW |
| Voltage range | 230 Vca |
| Connector type | Cable Tipo 2 (Longitud del cable 4m. Cable espiral.) |
| Network type | Monofásica (CA) |

**Output 2**

| | |
|---|---|
| Maximum current | 32 A |
| Maximum power | 7,4 kW |
| Voltage range | 230 Vca |
| Connector type | Cable Tipo 2 (Longitud del cable 4m. Cable espiral.) |
| Network type | Monofásica (CA) |

**Wireless communication**

| | |
|---|---|
| Technology / Interface | Wi-Fi |

**URBAN 20**
URBAN 20 outdoor charging post

| CODE | TYPE | No. Sockets | Output type | Connector type | Grid type |
|---|---|---|---|---|---|
| **URBAN 20** | | | | | |
| V10622. | URBAN M22 | 2 | 230 Vca - 32 A - 7,4 kW | Type 2 socket | Single-phase |
| V1062200000C2 | URBAN M22 | 2 | 230 Vca - 32 A - 7,4 kW | Type 2 socket | Single-phase |
| V10623. | URBAN T22 | 2 | 400 Vca - 32 A - 22 kW | Type 2 socket | Three-phase |
| V1062G. | URBAN M22-C2 | 2 | 230 Vca - 32 A - 7,4 kW | Cable Type 2 | Single-phase |
| V1062G00000C2 | URBAN M22-C2 | 2 | 230 Vca - 32 A - 7,4 kW | Cable Type 2 | Single-phase |
| V10626. | URBAN T22-C2 | 2 | 400 Vca - 32 A - 22 kW | Type 2 cable | Three-phase |
| V10693. | URBAN T22 Gen3 | 2 | 400 Vca - 32 A - 22 kW | Type 2 socket | Three-phase |
| V10628. | URBAN M24-MIX | 4 (2) | 230 Vca - 32 A - 7,4 kW\|230 Vca - 16 A - 3,7 kW | Type 2 socket \| Schuko | Single-phase |
| V10696. | URBAN T22-C2 Gen3 | 2 | 400 Vca - 32 A - 22 kW | Type 2 cable | Three-phase |
| V10627. | URBAN T24-MIX | 4 (2) | 400 Vca - 32 A - 22 kW\| 230 Vca - 16 A - 3,7 kW | Type 2 socket \| Schuko | Three-phase |

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| CODE | TYPE | No. Sockets | Output type | Connector type | Grid type |
|---|---|---|---|---|---|
| V10629. | URBAN T22-MIX | 2 | 400 Vca - 32 A - 22 kW\| 230 Vca - 16 A - 3,7 kW | Type 2 socket \| Schuko | Three-phase |
| V1062700000C2 | URBAN T24-MIX | 4 (2) | 400 Vca - 32 A - 22 kW\| 230 Vca - 16 A - 3,7 kW | Type 2 socket \| Schuko | Three-phase |
| V1062B. | URBAN M22-S | 2 | 230 Vca - 16 A - 3,7 kW | Schuko | Single-phase |
| V1062C. | URBAN T22-C2 63 | 1 | 400 Vca - 63 A - 43 kW | Type 2 cable | Three-phase |

Independent, earth leakage protection and circuit breaker protection per plug, MID Integrated energy measurement, RFID reader for identification and charging activation. Data storage, Ethernet communications, 4G communications (optional), OCPP 1.5/1.6 communications protocol, Weight: 55 kg, IP54-IK10 aluminium housing, dimensions 1550x450x290 mm. 4-m cable length (depending on model).

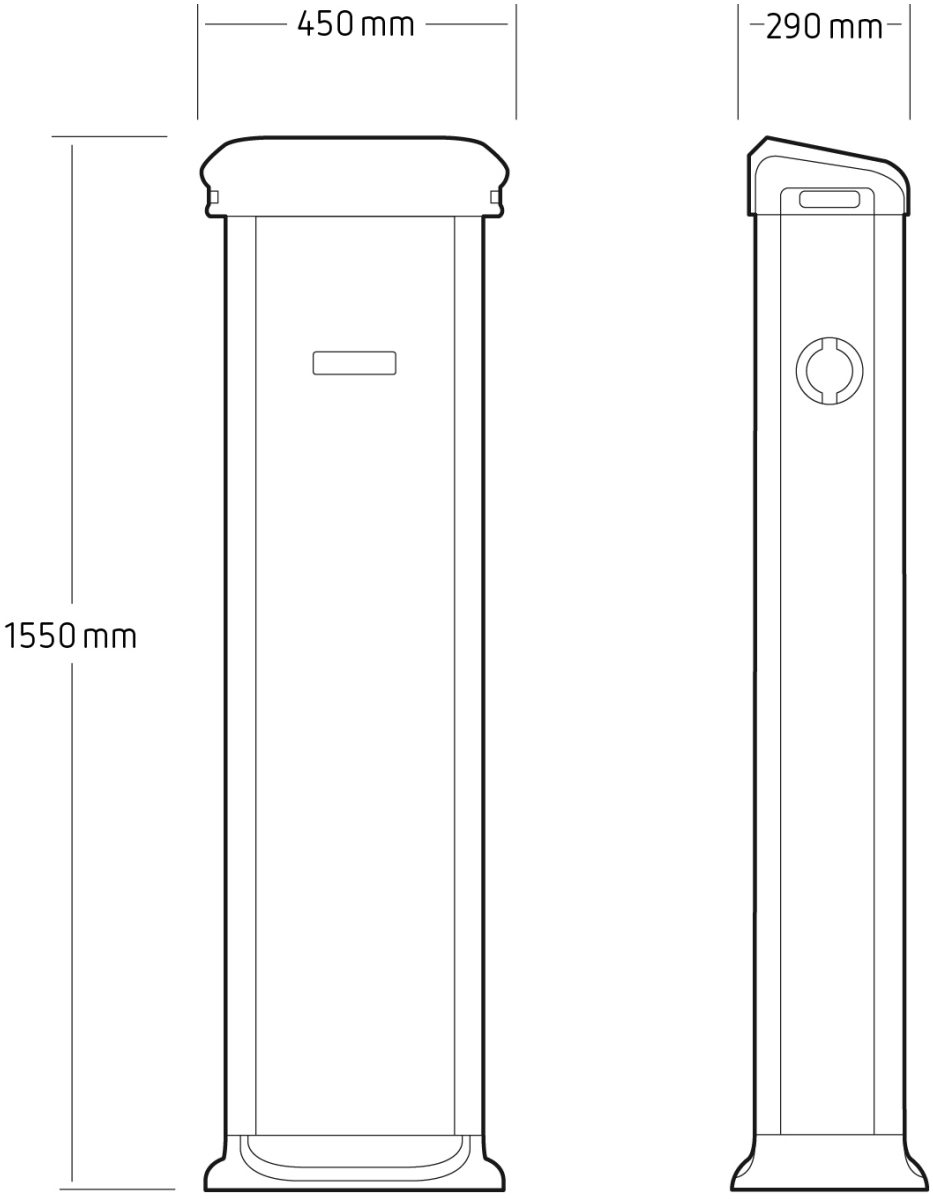


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## Dimensions






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