



## URBAN T12

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URBAN T12, Outdoor recharge post

Code: V10673. (CONSULTAR DISPONIBILIDAD)

- > Output type: 400 Vca - 32 A - 22 kW
- > Connector type: Type 2 socket
- > Grid type: Three-phase
- > Charge mode: 3
- > No. Sockets: 2
- > Earth leakage protection: Type A

### Description

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CIRCUTOR has designed a new range of outdoor charging posts with a new aesthetic design that combines an attractive appearance with safe, reliable and robust construction. Outdoor posts have to be capable of withstanding a wide range of environmental conditions and possible acts of vandalism, while simplifying the installation and maintenance processes for operators. The **URBAN** posts reduce installation time and simplify operations and maintenance tasks.

The **URBAN** devices facilitate charging tasks for all kinds of EV users, incorporating all the electrical protections needed to guarantee safety inside an aluminium metal body. They come with Type-2, mode-3 single-phase or three-phase plugs, depending on the configuration chosen. The **URBAN 10** is designed for locations where simple Plug & Charge operations are required.

### Application

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**URBAN** charging posts are especially suited for all types of outdoor parking areas where electric vehicles are parked and charged. Its applications range from public roads and squares, to outdoor car parks at department stores, airport terminals, vehicle sales and rental companies, company employee car parks, etc.



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### Specifications

#### AC power supply

|                 |                |
|-----------------|----------------|
| Input intensity | 32 A           |
| Frequency       | 50 ... 60 Hz   |
| Type of network | 3Ph + N + GND  |
| Nominal voltage | 400 V ~ ± 10 % |

#### Electrical characteristics

|                           |  |
|---------------------------|--|
| Surge protection (DSP)    | Transient surge protector IEC 61643-1 (Class II), (Optional) |
| Cable: Connector type     | Type 2 socket  |
| Max. output intensity (A) | 32   |
| Charging mode             | Mode 3 (IEC 61851-1)   |
| No. of charges            | 2  |
| Max. output power (kW)    | 22   |
| Voltage                   | 400 V ~ (± 10 %)   |

#### Mechanical characteristics

|                                  |                           |
|----------------------------------|---------------------------|
| Size (mm) width x height x depth | 450 x 1270 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  |

#### Standards

|  |  |
|--|--|
| Electrical safety, Installation category | CAT III 300 V  |
| Standards                                | EN 61851-1 : 2001 part-1, IEC 61000, IEC 60364-4-41, IEC 61008-1, IEC 60884-1, IEC 60529, IEC 61010, UNE-EN55011 |

#### Electrical safety

|            |   |
|------------|---|
| Insulation | Double-insulated electric shock protection class II (IEC 61010) |
|------------|---|

#### User interface

|     |                            |
|-----|----------------------------|
| LED | RGB color charge indicator |
|-----|----------------------------|

#### Protection



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Safety relay type (class)

RCD Type A (30 mA) RCD Type A (30 mA) with automatic reclosure (optional) RCD Type B (optional)

### Output 1

|                 |                  |
|-----------------|------------------|
| Maximum current | 32 A             |
| Maximum power   | 22 kW            |
| Voltage range   | 400 Vca          |
| Connector type  | Type 2 socket    |
| Network type    | Three-phase (AC) |

### Output 2

|                 |                  |
|-----------------|------------------|
| Maximum current | 32 A             |
| Maximum power   | 22 kW            |
| Voltage range   | 400 Vca          |
| Connector type  | Type 2 socket    |
| Network type    | Three-phase (AC) |

Type A circuit breaker and earth leakage protection, independent on each connection, LED indicator of the state of charge. Aluminium and ABS plastic casing (IP54 / IK10). Dimensions: 450 x 1550 x 290 mm For 4G communications, see the code table



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## Dimensions

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