



URBAN M12

URBAN M12, Outdoor recharge post

Code: V10672. (CONSULTAR DISPONIBILIDAD)

- > Output type: 230 Vca - 32 A - 7,4 kW
- > Connector type: Type 2 socket
- > Grid type: Single-phase
- > Charge mode: 3
- > No. Sockets: 2
- > Earth leakage protection: Type A

Description

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

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	1Ph + N + GND
Nominal voltage	230 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)	7,4
Voltage	230 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)	25

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)
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User interface

LED	RGB color charge indicator
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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	7,4 kW
Voltage range	230 Vca
Connector type	Type 2 socket
Network type	Single-phase (AC)

Output 2

Maximum current	32 A
Maximum power	7,4 kW
Voltage range	230 Vca
Connector type	Type 2 socket
Network type	Single-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

