



URBAN-WB M22

URBAN-WB M22, Indoor charging wall box

Code: V20622.

- > Communications: Ethernet
- > 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: RCD Type A (30 mA)

Description

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

URBAN-WB 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, enabling recharging in Mode 3.

The **URBAN-WB** 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 WB 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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Smart charging devices

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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

Surge protection (DSP)	Transient surge protector IEC 61643-1 (Class II), (Optional)
Overcurrent protection	PIA 40 A (curve C)
Power balance between charges	1
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	382 x 928 x 222 (mm)
Envelope	Aluminum and ABS
Cable gauge at current terminals	25 mm ²
Fastening	Wall-mounted
Weight (kg)	33

Environmental characteristics

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

Communications

Protocol	OCPP
Type	Ethernet 10/100 Base TX (TCP/IP)
Speed	4G / 3G / GPRS / GSM (opcional)

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



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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	Multi-language LCD

Features / performance

Heating and air conditioning unit	-25 ... +45 °C (Optional)
Energy measurement	MID counter Class 1, UNE-EN 50470-3

Thermal-magnetic protection

Trip curve, Type	MCB (Curva C)
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Protection

Safety relay type (class)	RCD Type A (30 mA) RCD Type A (30 mA) with automatic reclosure (optional) RCD Type B (optional) RCD Type B with automatic reclosure (optional)
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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)

URBAN-WB

Intelligent double socket charging boxes

CODE	TYPE	Output type	Connector type	Grid type
V20622.	URBAN-WB M22	230 Vca - 32 A - 7,4 kW	Type 2 socket	Single-phase
V2062A.	URBAN-WB M22-C2	230 Vac- 32 A - 7,4 kW	Cable Type 2	Single-phase
V20625.	URBAN-WB M22-C1	230 Vca - 32 A - 7,4 kW	Type 1 cable	Single-phase



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Independent, 30-mA, type-A earth leakage protection and circuit breaker protection per plug, MID Integrated energy measurement, RFID reader for identification and charging activation - ISO 14443 A/B, Data storage, Ethernet communications, 4G communications (optional), OCPP 1.5/1.6 communications protocol, Weight: 55 kg, Aluminium housing IP54-IP10, Dimensions 928x450x290 mm. 4-m cable length (depending on model).



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Dimensions

