URBAN-WB M22-C2 Gen4

URBAN-WB M22-C2 Gen4, Indoor charging wall box

Code: V206BA. **CONSULTAR DISPONIBILIDAD**

> Communications: Ethernet | Wi-Fi
> Output type: 230 Vac- 32 A - 7,4 kW
> Input current: 64 A
> Connector type: Type 2 cable
> Grid type: Single-phase
> Charge mode: 3
> No. Sockets: 2
> Earth leakage protection: Type A + 6 mAdc

Description

The **URBAN WB Gen4** is designed to provide a robust charging solution for public-access environments that is resistant to harsh environmental conditions and potential acts of vandalism. They are available in configurations with dual Type 2 cables or with Type 2 sockets and/or Schuko sockets in different combinations, enabling charging in Mode 1-2 and Mode 3 depending on the selected configuration. They also allow simultaneous charging, with one active socket on each side, in single-phase or three-phase installations. In addition, they incorporate individual electrical protections per socket within an aluminium chassis, simplifying installation and maintenance and ensuring maximum safety.

The **URBAN WB Gen4** adds a 7" display and status LEDs; the display itself shows QR codes for authentication and diagnostics, reducing downtime and offering a multilingual experience.

They also integrate the OCPP protocol for easy connection to management platforms and are compatible with our dynamic load management (DLM) system, which adjusts charging without exceeding the contracted power.

Application

URBAN-WB Gen4 charging posts are especially suited for all types of indoor and outdoor car parks. Applications range from public squares, department stores, airports, vehicle sales and rental companies, private car parks, etc.

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Smart charging devices

Code: V206BA.

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

Charging mode	Mode 3 (IEC 61851-1)
No. of charges	2

Mechanical characteristics

Size (mm) width x height x depth	382 x 928 x 222 (mm)
Envelope	Aluminio y ABS
Fastening	Pared (Mural)
Weight (kg)	30

Environmental characteristics

Protection class	IP 55 / IK10
Relative humidity (without condensation)	5 ... 95 %
Storage temperature	-40 ... +60 °C
Working temperature	-5 ... +50 °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, ISO 18092, NFC
LED	Indicador de carga en color RGB
Display type	7-inch screen

Standards

Standards	IEC 61851-1, IEC 61851-21-1, IEC 62196-1, IEC 62196-2, Directiva 2014/35/UE, LVD; 2014/30/UE, EMC, EN 18031-1

Features / performance

Energy measurement	MID Class B Meter, EN 50470-3
Optional	• 4G / GPRS Modem • Cloud Payment Terminal (Brand: Payter, Model: Apollo) • Differential Protection Type A (30 mA) + 6mA DC with automatic reconnection • Differential Protection Type B • Differential Protection Type B with automatic

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	reconnection• Transient Overvoltage Protector IEC 61643-1 (Class II)• Low Temperature Kit (-30 °C)

Protection

Element	- MCB (40A) Trip curve 'C' per outlet. - RCD Type A (30 mA) + 6mA DC per outlet.

Output 1

Maximum current	32 A
Maximum power	7,4 kW
Voltage range	230 Vca
Connector type	Type 2 Cable (Cable length 4m. Spiral cable.)
Network type	Monofásica (CA)

Output 2

Maximum current	32 A
Maximum power	7,4 kW
Voltage range	230 Vca
Connector type	Type 2 Cable (Cable length 4m. Spiral cable.)
Network type	Monofásica (CA)

Wireless communication

Band	2,4 GHz
Technology / Type	Wi-Fi

URBAN-WB Gen 4
Intelligent double socket charging boxes

CODE	TYPE	No. Sockets	Output type	Connector type	Grid type	Earth leakage protection	Charge mode	Communications
URBAN-WB Gen4								
V206C2.	URBAN-WB M22 Gen4	2	230 Vac- 32 A - 7,4 kW	Type 2 socket	Single-phase	Type A + 6 mAdc	3	Ethernet | Wi-Fi
V206CA.	URBAN-WB M22-C2 Gen4	2	230 Vac- 32 A - 7,4 kW	Type 2 cable	Single-phase	Type A + 6 mAdc	3	Ethernet | Wi-Fi
V206C3.	URBAN-WB T22 Gen4	2	400 Vac - 32 A - 22 kW	Type 2 socket	Three-phase	Type A + 6 mAdc	3	Ethernet | Wi-Fi
V206C6.	URBAN-WB T22-C2 Gen4	2	400 Vac - 32 A - 22 kW	Type 2 cable	Three-phase	Type A + 6 mAdc	3	Ethernet | Wi-Fi
V206C7.	URBAN-WB T24-MIX Gen4	4 (2)	400 Vac - 32 A - 22 kW | 230 Vac – 32 A – 7,4 kW	Type 2 socket | Schuko	Three-phase	Type A + 6 mAdc	1 | 2 | 3	Ethernet | Wi-Fi
URBAN-WB								
V2062C.	URBAN WB T22-C2 63	1	400 Vca - 63 A - 43 kW	Type 2 cable	Three-phase	Type B	3	Ethernet | WiFi

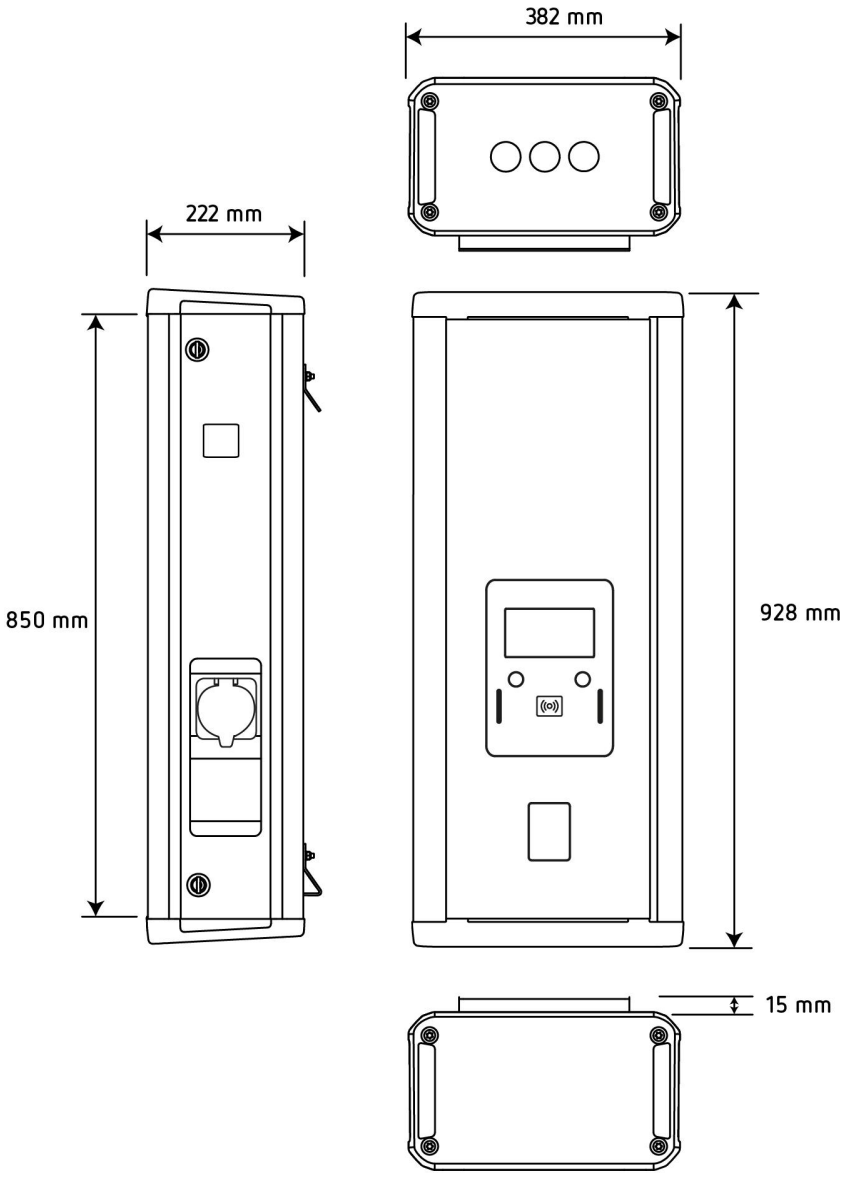
Miniature circuit breaker and differential protection Type A of 30 mA AC + 6 mA DC per socket, Integrated MID energy measurement, RFID reader for identification and activation recharge - ISO 14443 A/B, Data storage, Ethernet and Wi-Fi communications, 4G communications (optional), OCPP 1.6J and 2.0.1 HW Ready communications protocol, Aprox. weight : 30 kg, IP55 aluminum enclosure - IK10, Dimensions 382x928x222 mm. Cable length of 4 m (depending on model)."

URBAN-WB M22-C2 Gen4

Smart charging devices

Code: V206BA.

Dimensions



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