



URBAN-WB T22-C2 Gen4

URBAN-WB T22-C2 Gen4, Indoor charging wall box

Code: V206C6.

- > Communications: Ethernet | Wi-Fi
- > Output type: 400 Vac - 32 A - 22 kW
- > Input current: 64 A
- > Connector type: Type 2 cable
- > Grid type: Three-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.



URBAN-WB T22-C2 Gen4

Smart charging devices

Code: V206C6.

Specifications

AC power supply

| | |
|-----------------|-----------------|
| Input intensity | 64 A |
| Frequency | 50/60 Hz |
| Type of network | 3F + N + PE |
| Nominal voltage | 400 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) | 25 |

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 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 | <ul style="list-style-type: none"> • 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 | 22 kW |
| Voltage range | 400 Vca |
| Connector type | Type 2 Cable (Cable length 4m. Spiral cable.) |
| Network type | Trifásica (CA) |

Output 2

| | |
|-----------------|---|
| Maximum current | 32 A |
| Maximum power | 22 kW |
| Voltage range | 400 Vca |
| Connector type | Type 2 Cable (Cable length 4m. Spiral cable.) |
| Network type | Three-phase (AC) |

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 |

Magnetohermal protection and differential protection Type A of 30 mA AC + 6 mA DC independent 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 HW Ready communications protocol, Weight: 30 kg, IP55 aluminum enclosure - IK10, Dimensions 928x450x290 mm. Cable length of 4 m (depending on model)."



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Dimensions

