



URBAN-WB T22 Gen3

URBAN-WB T22 Gen3, Indoor charging wall box

Code: V20693.

- > Communications: Ethernet|Wi-Fi
- > 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: 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

Code: V20693.

Specifications

AC power supply

| | |
|-----------------|----------------|
| Input intensity | 67 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) |
| 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) | 22 |
| Voltage | 400 V ~ (± 10 %) |

Mechanical characteristics

| | |
|----------------------------------|----------------------|
| Size (mm) width x height x depth | 382 x 928 x 222 (mm) |
| Envelope | Aluminum and ABS |
| Fastening | Wall-mounted |
| Weight (kg) | 30 |

Environmental characteristics

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

Communication Network

| | |
|-------------------|----------------------------------|
| Protocol | OCPP |
| Technology / Type | Ethernet 10/100 Base TX (TCP/IP) |

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 |

Electrical safety



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

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 |

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) |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|

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) |

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 |
| V20693. | URBAN-WB T22 Gen3 | 400 Vca - 32 A - 22 kW | Type 2 socket | Three-phase |
| V20625. | URBAN-WB M22-C1 | 230 Vca - 32 A - 7,4 kW | Type 1 cable | Single-phase |
| V20696. | URBAN-WB T22-C2 Gen3 | 400 Vca - 32 A - 22 kW | Type 2 cable | Three-phase |

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).

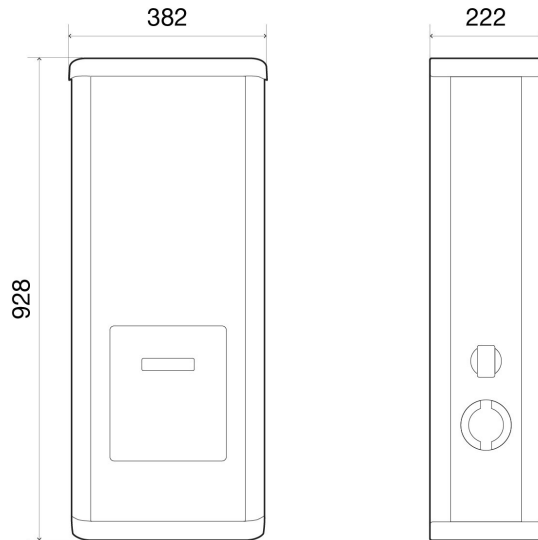


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Dimensions



Connections

