



URBAN MASTER M2

URBAN MASTER M2, Outdoor recharge post

Code: V10632. (CONSULTAR DISPONIBILIDAD)

- > Communications: Ethernet
- > Output type: 230 Vca - 32 A - 7,4 kW
- > Input current: 67 A
- > Connector type: Type 2 socket
- > Grid type: Single-phase
- > Charge mode: 3
- > No. Sockets: 2
- > Earth leakage protection: Type A

Description

The **URBAN MASTER/SLAVE** devices have been designed to minimise the initial investment and maintenance costs when several chargers are required. This solution consists of a combination of a **Master** charger that controls a set of **Slave** chargers.

The system as a whole works as if all the chargers were smart, either by connecting the Master to a manager via OCPP or independently by setting up a white list of users for the group. A maximum power limit for the whole group can also be specified, thus saving on the installation and power costs.

Application

Designed for private facilities such as businesses or residential developments with a single administrator, it also offers an appealing solution for public facilities such as shopping centres, car parks, airports and more.



URBAN MASTER M2

Outdoor charging posts with Master-Slave system

Code: V10632.

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) |
| 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 1550 x 290 (mm) |
| Envelope | Aluminum and ABS |
| Fastening | Floor fixing with 4 bolts |
| Weight (kg) | 55 |

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

| | |
|------------|---|
| 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 | 8" Touch |

Features / performance

| | |
|--------------------|--|
| Energy measurement | MID counter Class 1, UNE-EN 50470-3 |
| Optional | <ul style="list-style-type: none"> • Anti vandal doors for Type 2 sockets • Type A earth leakage protection with automatic reclosing • Type B earth leakage protection • Type B earth leakage protection with automatic reclosing • Surge protection • Low temperature kit (-30°C) • Heating and air conditioning unit (-30 ... +45 °C) |

Thermal-magnetic protection

| | |
|------------------|---------------|
| Trip curve, Type | MCB (Curva C) |
|------------------|---------------|

Protection

| | |
|---------------------------|--|
| Safety relay type (class) | RCD Type A (30 mA) RCD Type B (opcional) |
|---------------------------|--|

Output 1

| | |
|-----------------|-------------------------|
| Maximum current | 230 Vca - 32 A - 7,4 kW |
| Maximum power | 230 Vca - 32 A - 7,4 kW |
| Voltage range | 230 Vca - 32 A - 7,4 kW |
| 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 MASTER/SLAVE

Intelligent Master/Slave charging posts

| CODE | TYPE | No. Sockets | Output type | Connector type | Grid type |
|---------------------|-----------------|-------------|------------------------|----------------|-------------|
| URBAN MASTER | | | | | |
| V10633. | URBAN MASTER T2 | 2 | 400 Vca - 32 A - 22 kW | Type 2 socket | Three-phase |



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Outdoor charging posts with Master-Slave system

Code: V10632.

| CODE | TYPE | No. Sockets | Output type | Connector type | Grid type |
|--------------------|--------------------|-------------|-------------------------|----------------|--------------|
| V10635. | URBAN MASTER M2-C1 | 2 | 230 Vca - 32 A - 7,4 kW | Cable Type 1 | Single-phase |
| V10636. | URBAN MASTER T2-C2 | 2 | 400 Vca - 32 A - 22 kW | Type 2 cable | Three-phase |
| URBAN SLAVE | | | | | |
| V10643. | URBAN SLAVE T2 | 2 | 400 Vca - 32 A - 22 kW | Type 2 socket | Three-phase |
| V10645. | URBAN SLAVE M2-C1 | 2 | 230 Vca - 32 A - 7,4 kW | Cable Type 1 | Single-phase |
| V10646. | URBAN SLAVE T2-C2 | 2 | 400 Vca - 32 A - 22 kW | Type 2 cable | Three-phase |

System with up to 6 Slave chargers per Master depending on the optional switch chosen. 8" vandal-proof TFT touch screen, independent overcurrent and earth leakage 30-mA, type-B protection per plug, integrated MID-certified energy measurement, RFID reader for authentication and charge activation - ISO 14443 A/B, data storage, Ethernet communications, 4G communications (optional), OCPP 1.5/1.6 communications protocol, Weight: 30 kg, IP54-IP10 aluminium housing, dimensions 1550x450x290 mm. 4-m cable length (depending on model).



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Dimensions

