



URBAN-WB MASTER M2-C1

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Code: V20635.

- > Communications: Ethernet
- > Output type: 230 Vca - 32 A - 7,4 kW
- > Connector type: Type 1 cable
- > Grid type: Single-phase
- > Charge mode: 3
- > No. Sockets: 2
- > Earth leakage protection: Type A

Description

The **URBAN WB 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

URBAN WB devices are especially suitable for all types of indoor or 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) |
| Cable: Connector type | Type 1 cable |
| 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 |
| Fastening | Wall-mounted |

Environmental characteristics

| | |
|--|----------------|
| Protection class | IP 54 / IK10 |
| Relative humidity (without condensation) | 5 ... 95 % |
| Storage temperature | -40 ... +60 °C |
| Working temperature | -5 ... +45 °C |

Communication Network

| | |
|-------------------|----------------------------------|
| Protocol | OCCP |
| 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 |
| LED | Yes |
| Visible display area size | 4" |

Protection

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

Output 1

| | |
|-----------------|-------------------|
| Maximum current | 32 A |
| Maximum power | 7,4 kW |
| Voltage range | 230 Vca |
| Connector type | Type 1 cable |
| Network type | Single-phase (AC) |

Output 2

| | |
|-----------------|-------------------|
| Maximum current | 32 A |
| Maximum power | 7,4 kW |
| Voltage range | 230 Vca |
| Connector type | Type 1 cable |
| Network type | Single-phase (AC) |

Wireless communication

| | |
|-------------------|--------------------|
| Technology / Type | 4G LTE / 3G / GPRS |
|-------------------|--------------------|

URBAN-WB MASTER/SLAVE

Charging stations with Master/Slave system

| CODE | TYPE | Output type | Connector type | Grid type |
|---------------|-----------------------|-------------------------|----------------|--------------|
| MASTER | | | | |
| V20635. | URBAN-WB MASTER M2-C1 | 230 Vca - 32 A - 7,4 kW | Type 1 cable | Single-phase |
| SLAVE | | | | |
| V20645. | URBAN-WB SLAVE M2-C1 | 230 Vca - 32 A - 7,4 kW | Type 1 cable | Single-phase |

System with up to 6 or 9 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-IP65 aluminium casing, Dimensions: 928x450x290 mm. 4-m cable length (depending on model).



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Dimensions

