



## 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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### 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	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
LED	Yes
Visible display area size	4"

### Protection

Safety relay type (class)	RCD Type A (30 mA) RCD Type B (opcional)
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### 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
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### URBAN-WB MASTER/SLAVE

Charging stations with Master/Slave system

CODE	TYPE	Output type	Connector type	Grid type
<b>MASTER</b>				
V20635.	URBAN-WB MASTER M2-C1	230 Vca - 32 A - 7,4 kW	Type 1 cable	Single-phase
<b>SLAVE</b>				
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-IP67 aluminium casing. Dimensions: 928x450x290 mm. 4-m cable length (depending on model).



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## Dimensions

