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Code:

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	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)
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

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 / Interface	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)

User interface

RFID (Radio-Frequency Identification)	ISO/IEC 14443 A&B



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LED	Yes
Visible display area size	4"

Protection

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

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 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

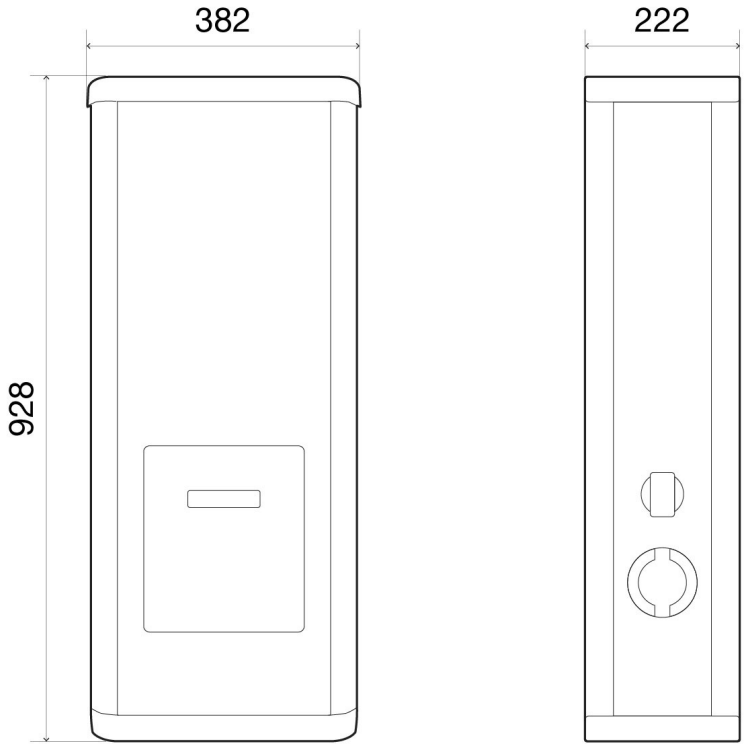
System with up to 6 or 9 Slave chargers per Master depending on the optional switch chosen. 8" vandal-proof TFT touch screen, independent overcurrent and earth leakage 30-mA, type-B protection per plug, integrated MID-certified energy measurement, RFID reader for authentication and charge activation - ISO 14443 A/B, data storage, Ethernet communications, 4G communications (optional), OCPP 1.5/1.6 communications protocol, Weight: 30 kg, IP54-IK10 aluminium casing, Dimensions: 928x450x290 mm. 4-m cable length (depending on model).

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Dimensions



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