



**URBAN-WB MASTER T2** 

Code: V20633. DESCATALOGADO

> Communications: Ethernet

> 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: 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.







Smart charging devices

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## Specifications

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
Weight (kg)	25
nvironmental 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, LVC 2014/30/UE, EMC
Electrical safety	
Insulation	Double-insulated electric shock protection class II (IEC 61010)







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#### User interface

User Interrace		
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)	
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)	
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, IPS4-IK10 aluminium casing, Dimensions: 928x450x290 mm. 4-m cable length (depending on model).







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## **Dimensions**





