

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.



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Outdoor charging posts with Master-Slave system

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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

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 / 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)

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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 Class 1 Meter, EN 50470-3
Optional	• 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 ºC)

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)

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-IK10 aluminium housing, dimensions 1550x450x290 mm. 4-m cable length (depending on model).

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Dimensions

