

URBAN MASTER M2, Outdoor recharge post

Code: V10632. DESCATALOGADO

- > 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.

Circutor



Outdoor charging posts with Master-Slave system

Code: V10632.

Specifications

| 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 Protection class IP 54 / IK10 Relative humidity (without condensation) 595 % Storage temperature -20 +60 °C Working temperature -5 +45 °C Communication Network OCPP Protecol OCPP Technology / Type Ethernet 10/100 Base TX (TCP / IP) Electrical safety, Installation category CAT III 300 V | Input intensity | 67 A |
|--|--|---|
| Nominal voltage 230 V = ± 10 % Dercturent protection PIA 40 A (curve C) Obje: Connector type Type 2 sacket Max. output Intensity (A) 32 Charging mode Mode 3 (EC 61851-1) No. of harges 2 Max. output power (KW) 7.4 Voltage 20 v = ± 10 % Max. output power (KW) 7.4 Voltage 20 v = ± 10 % Max. output power (KW) 7.4 Voltage 20 v = ± 10 % Max. output power (KW) 7.4 Voltage 20 v = ± 10 % Max. output power (KW) 7.4 Voltage 20 v = ± 10 % Max. output power (KW) 7.4 Voltage 20 v = ± 10 % Ster (mm) width x height x depth 450 x 1550 x 290 (mm) Envelope Aluminum and ABS Fastening Foor forug with 4 botts Weight (kg) 5 5 Envelope IS - 95 % Storage temperature -20 + 60 °C Working temperature -20 + 60 °C | Frequency | 50 60 Hz |
| Bickrick characteristics PNA 40 A (curve C) Overcurrent protection PNA 40 A (curve C) Cable: Connector type Type 2 socket Max. output intensity (A) 32 Oharging mode Mode 3 (EC 61851-1) No. of charges 2 Max.output prover (kW) 7.4 Voltage 230 V + ± 10 % Verkamer Valuage Verkamer Size (mm) width x height x depth Size (mm) width x height x depth 450 x 1550 x 290 (mm) Envelope Aduminum and A85 Fastering For Tising with 4 bolts Weight (kg) 55 Enveromental characteristics Size (mm) Protection class P154 / IK10 Relative humidify (without condensation) 5 | Type of network | 1Ph + N + GND |
| Vercurrent 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 pover (KW) 7,4 Voltage 230 V - ± 10 % Vechanical characteristics 2 Size (mm) width x height x depth 450 x 1550 x 290 (mm) Envelope Aluminum and ABS Fastening Foor fixing with 4 bolts Weight (kg) 55 Envelope 19 54 / IK10 Relative humidity (without condensation) 5 | Nominal voltage | 230 V ~ ± 10 % |
| Cable: Connector typeType 2 socketMax. output intensity (A)32Charging modeMode 3 (IEC 61851-1)No. of charges2Max. output power (kW)7.4Voltage20 V - ± 10 %Mechanical characteristicsMechanical characteristicsSize (nm) witht x height x depthA50 x 1550 x 290 (nm)Environmental characteristicsProtection classIP 54 / IK10Reviewentation (Strage Colspan="2">Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2" | Electrical characteristics | |
| Max. output intensity (A) 32 Charging mode Mode 3 (IEC 61851-1) No. of charges 2 Max. output power (kW) 7.4 Voltage 20 V ~ ± 10 % Mechanical characteristics 2 Size (nm) width x height x depth 450 x 1550 x 290 (nm) Envelope Aluminum and A85 Pastening Floor fixing with 4 bolts Weight (kg) 55 Envelope Size (nm) width x height x depth Protection class P 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature -20 + 60 °C Working temperature -5 + 45 °C Envelopy / Type Ethernet 10/100 Base TX (TCP/IP) Storage temperature CAT III 300 V Electrical safety, Installation category CAT III 300 V Storage targer 2014/30/UE, EMC | Overcurrent protection | PIA 40 A (curve C) |
| Charging mode Mode 3 (IEC 61851-1) No. of charges 2 Max. output power (kW) 7.4 Voltage 230 V - ± 10 % Max. output power (kW) 230 V - ± 10 % Mechanical characteristics 200 V - ± 10 % 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 Envelope Storage temperature Protection class IP 54 / IKI0 Relative humiditly (without condensation) 5 95 % Storage temperature -20 +60 °C Working temperature -5 +45 °C Ormunication Network Ethernet 10/100 Base TX (TCP/IP) Storage temperature CAT III 300 V Etertical safety, Installation category CAT III 300 V Storadards EC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LWD | Cable: Connector type | Type 2 socket |
| No. of charges 2 Max. output power (KW) 7.4 Voltage 230 V ~ ± 10 % Mechanical characteristics 230 V ~ ± 10 % Mechanical characteristics 450 x 1550 x 290 (mm) Envelope Aluminum and ABS Fastening Floor fixing with 4 bolts Weight (kg) 5 Envelope Size (Marcondensation) Envelope Protection class Protection class IP 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature -20 +60 °C Communication Network -20 +60 °C Protocol OCPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Etandards -20 Lif (S130 V Etandards -20 Lif (S1351-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LVD 2014/35/UE, EMC | Max. output intensity (A) | 32 |
| Max. output power (kW) 7.4 Voltage 230 V - ± 10 % Vechanical characteristics 230 V - ± 10 % Size (mm) width x height x depth 450 x 1550 x 290 (mm) Envelope Aluminum and ABS Fastening Floor fixing wilth 4 bolts Weight (kg) 55 Envelope Protection class Protection class IP 54 / IK10 Relative humidity (without condensation) 595 % Storage temperature -20460 °C Working temperature -20460 °C Protecton 0CPP Technology / Type Ethernet 10/100 Base TX (TCP / IP) Etectrical safety, Installation category CAT III 300 V Standards IEC 61851-1, IEC 61851-22, IEC 62196-2, Directive 2014/35/UE, LVD 2014/35/UE, EVC | Charging mode | Mode 3 (IEC 61851-1) |
| Voltage 230 V - ± 10 % Kechanical characteristics 450 x 1550 x 290 (mm) 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 Envelope Protection class Relative humidity (without condensation) 595 % Storage temperature -20+60 °C Working temperature -20+45 °C Communication Network Electrical safety, Installation category Electrical safety, Installation category CAT III 300 V Standards IEC 61851-1, IEC 61851-22, IEC 62196-2, Directive 2014/35/UE, LVD 2014/30/UE, EMC | No. of charges | 2 |
| Wechanical 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 OCPP Protocol OCPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards IEC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LVD 2014/30/UE, EMC | Max. output power (kW) | 7,4 |
| 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 Protection class IP 54 / IK10 Relative humiditly (without condensation) 5 95 % Storage temperature -20 +60 °C Working temperature -5 +45 °C Communication Network CPP Protocol 0CPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards IEC 61851-12, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LVD 2014/30/UE, EMC | Voltage | 230 V ~ ± 10 % |
| Envelope Aluminum and ABS Fastening Floor fixing with 4 bolts Weight (kg) 55 Environmental characteristics Fortection class Protection class IP 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature -20 +60 °C Working temperature -20 +60 °C Communication Network -20 +60 °C Protecol 0CPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards -20 +60 °C 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 | Mechanical characteristics | |
| Fastening Floor fixing with 4 bolts Weight (kg) 55 Environmental characteristics Protection class Protection class IP 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature -20 +60 °C Working temperature -5 +45 °C Ecomunication Network OCPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards Etectrical safety, Installation category Electrical safety, Installation category CAT III 300 V Standards EIC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LVD 2014/30/UE, EMC | Size (mm) width x height x depth | 450 x 1550 x 290 (mm) |
| 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 OCPP Protocol OCPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards IEC 61851-122, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LVD 2014/30/UE, EMC | Envelope | Aluminum and ABS |
| 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 -5 +45 °C Protocol 0CPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards CAT III 300 V Standards EIC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LVD 2014/30/UE, EMC | Fastening | Floor fixing with 4 bolts |
| Protection class IP 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature -20 +60 °C Working temperature -5 +45 °C Communication Network OCPP Protocol OCPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards 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 | Weight (kg) | 55 |
| Relative humidity (without condensation) 5 95 % Storage temperature -20 +60 °C Working temperature -5 +45 °C Communication Network 0CPP Protocol 0CPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards 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 | Environmental characteristics | |
| Storage temperature -20 +60 °C Working temperature -5 +45 °C Communication Network 0CPP Protocol 0CPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards IEcctrical safety, Installation category Standards IEC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LVD 2014/30/UE, EMC | Protection class | IP 54 / IK10 |
| Working temperature -5 +45 °C Communication Network OCPP Protocol OCPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards CAT III 300 V 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 | Relative humidity (without condensation) | 5 95 % |
| Communication Network OCPP Protocol OCPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards CAT III 300 V 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 | Storage temperature | -20 +60 °C |
| Protocol OCPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards CAT III 300 V 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 | Working temperature | -5 +45 ℃ |
| Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards CAT III 300 V 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 | Communication Network | |
| 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 Electrical safety | Protocol | OCPP |
| 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 Electrical safety | Technology / Type | Ethernet 10/100 Base TX (TCP/IP) |
| Standards IEC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LVD 2014/30/UE, EMC Electrical safety | Standards | |
| 2014/30/UE, EMC | Electrical safety, Installation category | CAT III 300 V |
| · | Standards | |
| Insulation Double-insulated electric shock protection class II (IEC 61010) | Electrical safety | |
| | Insulation | Double-insulated electric shock protection class II (IEC 61010) |





Outdoor charging posts with Master-Slave system

Code: V10632.

| 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 counter Class 1, UNE-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 °C) | |
| 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) | |
| Dutput 2 | | |
| Maximum current | 32 A | |
| Maximum power | 7,4 kW | |
| Voltage range | 230 Vca | |
| Connector type | Type 2 socket | |
| Network type | Single-phase (AC) | |

URBAN MASTER/SLAVE

Intelligent Master/Slave charging posts

| CODE | TYPE | No. Sockets | Output type | Connector type | Grid type |
|----------|-----------------|-------------|------------------------|----------------|-------------|
| URBAN MA | STER | | | | |
| V10633. | URBAN MASTER T2 | 2 | 400 Vca - 32 A - 22 kW | Type 2 socket | Three-phase |





Outdoor charging posts with Master-Slave system

Code: V10632.

| CODE | TYPE | No. Sockets | Output type | Connector type | Grid type |
|----------|--------------------|-------------|-------------------------|----------------|--------------|
| V10635. | URBAN MASTER M2-C1 | 2 | 230 Vca - 32 A - 7,4 kW | Cable Type 1 | Single-phase |
| V10636. | URBAN MASTER T2-C2 | 2 | 400 Vca - 32 A - 22 kW | Type 2 cable | Three-phase |
| URBAN SL | AVE | | | | |
| V10643. | URBAN SLAVE T2 | 2 | 400 Vca - 32 A - 22 kW | Type 2 socket | Three-phase |
| V10645. | URBAN SLAVE M2-C1 | 2 | 230 Vca - 32 A - 7,4 kW | Cable Type 1 | Single-phase |
| V10646. | URBAN SLAVE T2-C2 | 2 | 400 Vca - 32 A - 22 kW | Type 2 cable | Three-phase |

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), 0CPP 1.5/1.6 communications protocol, Weight: 30 kg, IP54-IK10 aluminium housing, dimensions 1550x450x290 mm. 4-m cable length (depending on model).

Circutor



Outdoor charging posts with Master-Slave system

Code: V10632.

Dimensions

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