

URBAN-WB MASTER M2-C1

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Code: V20635.
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- > 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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URBAN-WB MASTER M2-C1

Smart charging devices

Code: V20635.

Specifications

Protection class IP 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature -40 +60 °C Working temperature -5 +45 °C Communication Network OCPP Protocol OCPP Storage temperature 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	AC power supply		
Type of network IPh + N + 6 ND Nominal voltage 230 V - ± 10 % Electrical characteristics 230 V - ± 10 % Burge 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) 22 Charaging mode Mode 3 (EC 61851-1) No. of charges 2 Max. output intensity (A) 7.4 Vatage 230 V - ± 10 % Mex. output power (WW) 7.4 Vatage 230 V - ± 10 % Mex. output power (WA) 7.4 Vatage 230 V - ± 10 % Envelope Aluminum and ABS Fastening Maximum and ABS Protecton class IP 54 / IrCl0 Relative humidity (without condensation) 5	Input intensity	67 A	
Naminal voltage 230 V ~ ± 10 % Sirge protection (0SP) Transient surge protection (EC 61643-1 (Class II), (Optional) Overcurrent protection PA 40 A (curve C) Cable: Connector type Type 1 cable Max. output intensity (A) 22 Charging mode Mode 3 (EC 61851-1) No. of charges 2 Max. output intensity (A) 7.4 Voltage 230 V - ± 10 % Voltage 230 V - ± 10 % Voltage 322 × 222 (mn) Extended characteristics 2 Size (mm) width x height x depth 322 × 292 x 222 (mm) Extendege Aluminum and ABS Fastening Wall-mounted Arronometal characteristics 2 Protection class P5 4 / Ix10 Relative humidity (without condensation) 5	Frequency	50 60 Hz	
Birchical 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 (EC 61851-1) No. of charges 2 Max. output power (W) 7.4 Voltage 20 / ± 10 % Acchanical characteristics 2 Envelope Auminum and ABS Foxelope Multinum and ABS Foxelope Size (mm) % Voltage 95 % Protection class P54 / IK10 Relative humidify (without condensation) 5	Type of network	1Ph + N + GND	
Surge protection (0SP) Transient surge protector IEC 61643-1 (Class II), (Optional) Dvercurrent 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 % Vecharical characteristics Vecharical characteristics Size (mm) width x height x depth 382 x 928 x 222 (mm) Ervelope Aluminum and ABS Fastening Wall-mounted Anving thermestristics Vecharical characteristics Protection class IP 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature -40 +60 °C Working temperature 0CPP Protocol OCPP Technology / Type Ethernet 10/100 Base TX (TCP / IP) Standards UEC 61851-1, IEC 61851-2, IEC 62196-2, Directive 2014/35/UE, LVD 2014/30/UE, EMC	Nominal voltage	230 V ~ ± 10 %	
Dvercurrent pratection PIA 40 A (curve C) Gable: Connector type Type 1 cable Max: output intensity (A) 32 Charging mode Mode 3 (EC 61851-1) No. of charges 2 Max: output power (kW) 7.4 Voltage 20 V - ± 10 % Vechanical characteristics 20 V - ± 10 % Vechanical characteristics 382 x 928 x 222 (mm) Size (mm) width x height x depth 382 x 928 x 222 (mm) Envelope Aluminum and ABS Fastening Well-mounted Protection class IP 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature -40 +60 °C Working temperature -40 +60 °C Vorking temperature OCPP Technology / Type Electrical safety, Installation category Electrical safety, Installation category CAT III 300 V Standards Electrical safety	Electrical characteristics		
Cable: Connector type Type 1 cable Max. output intensity (A) 32 Charging mode Mode 3 (EC 61851-1) No. of charges 2 Max. output power (kW) 7.4 Voltage 200 V ~ ± 10 % Recharical characteristics 2 Size (mm) width x height x depth 382 x 928 x 222 (mm) Envelope Aluminum and ABS Fastening Wall-mounted Arwinomental characteristics 2 Protection class P5 4/ IK10 Relative humidity (without condensation) 5 95 % Storage temperature 40 + 60 °C Working temperature 5 + 45 °C Protocol OCPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Electrical safety, Installation category CAT III 300 V Standards EC 61851-1, IEC 61851-2, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LWD 2014/35/UE, EWC	Surge protection (DSP)	Transient surge protector IEC 61643-1 (Class II), (Optional)	
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 % Ate-banical characteristics 230 V - ± 10 % Aterbanical characteristics 382 × 928 × 222 (mm) Envelope Aluminum and ABS Fastening Wall-mounted Attriangenerative 382 × 928 × 222 (mm) Protection class Wall-mounted Attriangenerative 382 × 928 × 222 (mm) Protection class Wall-mounted Attriangenerative 382 × 928 × 222 (mm) Attriangenerative Aluminum and ABS Attriangenerative Aluminum and ABS Attriangenerative Storage temperature Attriangenerative -40 + 60 °C Attriangenerature -40 + 60 °C Attriangenerature -5 + 45 °C Attriangenerature OCPP Technology / Type Derverative Electrical safety, Installation category CAT III 300 V Standards Electrical safety	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 % dechanical characteristics 382 x 928 x 222 (mm) etchanical characteristics 382 x 928 x 222 (mm) Envelope Aluminum and ABS Envelope Aluminum and ABS Envelope Voltage Protection class IP 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature -40 460 °C Working temperature -40 460 °C Communication Network Etchnology / Type Etchnology / Type Ethernet 10/100 Base TX (TCP /IP) Etandards Etchrolasse TX (TCP /IP) Etandards Etchrolass-22, IEC 62196-1, IEC 62196-2, Directive 2014/35 /UE, LWD 2014/30 / UE, EMC	Cable: Connector type	Type 1 cable	
No. of charges 2 Max. output power (kW) 7.4 Voltage 30 V ~ ± 0 % Voltage 30 V ~ ± 0 % Kechanical characteristics 382 x 928 x 222 (mm) Envelope Aluminum and ABS Fastening Wall-mounted Kirvironmental characteristics Wall-mounted Forection class IP 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature -40 460 °C Working temperature -5 445 °C Protocol OCPP Technology / Type Ethernet 10/100 Base TX (TCP / IP) Kendards LEctrical safety, Installation category Standards IEC 61851-1, IEC 61851-22, IEC 62196-2, Directive 2014/35/UE, LVD 2014/35/UE, EMC	Max. output intensity (A)	32	
Max. output power (kW) 7.4 Voltage 30 V - ± 10 % Atechanical characteristics 362 x 928 x 222 (mm) Size (mm) width x height x depth 382 x 928 x 222 (mm) Envelope Atuminum and ABS Fastening Wall-mounted invironmental characteristics Vall-mounted Protection class IP 54 / IK10 Relative humidity (without condensation) 595 % Storage temperature -40 +60 °C Working temperature -5	Charging mode	Mode 3 (IEC 61851-1)	
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Aechanical characteristics Size (mm) width x height x depth 382 x 928 x 222 (mm) Envelope Aluminum and ABS Fastening Wall-mounted Envelope Immuneal ABS Fastening Wall-mounted Envelope Protection class Protection class IP 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature -40 +60 °C Working temperature -5 +45 °C Endmunication Network OCPP Protocol 0CPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Etectrical safety, Installation category CAT III 300 V Standards 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 (nm) width x height x depth 382 x 928 x 222 (nm) Envelope Aluminum and ABS Fastening Wall-mounted Anvironmental characteristics Wall-mounted Protection class IP 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature -40 +60 °C Working temperature -5 +45 °C Communication Network CPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards Etectrical safety, Installation category Etectrical safety, Installation category CAT III 300 V Standards Etectrical safety Etectrical safety Sci 195-1, IEC 61851-1, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LVD 2014/30/UE, EMC	Voltage	230 V ~ ± 10 %	
Envelope Aluminum and ABS Fastening Wall-mounted Envelope Wall-mounted Environmental characteristics IP 54 / IK10 Protection class IP 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature -40 +60 °C Working temperature -5 +45 °C Enderstore OCPP 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 2014/30/UE, EMC	Mechanical characteristics		
Fastening Wall-mounted Fastening Wall-mounted invironmental characteristics IP 54 / IK10 Protection class IP 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature -40 +60 °C Working temperature -5 +45 °C Communication Network 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	Size (mm) width x height x depth	382 x 928 x 222 (mm)	
Protection class IP 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature -40 +60 °C Working temperature -5 +45 °C Communication Network CPP Protocol OCPP 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 62196-1, IEC 62196-2, Directive 2014/35/UE, LVD 2014/30/UE, EMC	Envelope	Aluminum and ABS	
Protection class IP 54 / IK10 Relative humidity (without condensation) 5 95 % Storage temperature -40 +60 °C Working temperature -5 +45 °C Communication Network OCPP Technology / Type Ethernet 10 / 100 Base TX (TCP / IP) Standards CAT III 300 V Standards Electrical safety, Installation category CAT III 300 V 2014 / 30 / UE, EMC	Fastening	Wall-mounted	
Relative humidity (without condensation) 5 95 % Storage temperature -40 +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 -40 +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 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	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	-40 +60 °C	
Protocol OCPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards CAT III 300 V Standards IEC 61851-12, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LVD 2014/30/UE, EMC	Working temperature	-5+45 °C	
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 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)	

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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)	
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	

URBAN-WB MASTER/SLAVE

Charging stations with Master/Slave system

TYPE	Output type	Connector type	Grid type
URBAN-WB MASTER M2-C1	230 Vca - 32 A - 7,4 kW	Type 1 cable	Single-phase
URBAN-WB SLAVE M2-C1	230 Vca - 32 A - 7,4 kW	Type 1 cable	Single-phase
	URBAN-WB MASTER M2-C1	URBAN-WB MASTER M2-C1 230 Vca - 32 A - 7,4 kW	URBAN-WB MASTER M2-C1 230 Vca - 32 A - 7,4 kW Type 1 cable

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).





URBAN-WB MASTER M2-C1

Smart charging devices

Code: V20635.

Dimensions

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