





URBAN M22-C2, Outdoor recharge post

Code: V1062G.

> Communications: Ethernet

> Output type: 230 Vca - 32 A - 7,4 kW

> Input current: 67 A

> Connector type: Cable Type 2 > Grid type: Single-phase

> Charge mode: 3 > No. Sockets: 2

> Earth leakage protection: Type A

Description

URBAN charging posts have been designed as a robust solution for publicly accessible environments, capable of withstanding a wide range of environmental conditions and possible acts of vandalism, while providing simple installation and maintenance for operators.

URBAN devices facilitate charging tasks for all kinds of EV users, incorporating all the electrical protections necessary to guarantee safety inside an aluminium metal body. They can use type 1 and type 2 cables and type 2 plugs and/or Schuko plugs in various combinations, enabling recharging in Mode 1-2 and Mode 3 depending on the configuration chosen.

The URBAN 20 series is designed for complex applications where the highest standards of performance are required, with remote management and monitoring or integration into management platforms based on the 1.5 or 1.6 OCPP protocol.

Application

URBAN charging posts are especially suitable for all types of outdoor parking. Applications range from public squares, department stores, airports, vehicle sales and rental companies, private car parks, etc.







Code: V1062G.

Specifications

Imput intensity	AC power supply	
Type of network	Input intensity	67 A
Nominal voltage	Frequency	50 60 Hz
Electrical characteristics Surge protection (DSP) Trensient surge protector IEC 61643-1 (Class II), (Optional) Overcurrent protection PIA 40 A (curve C) Power balance between charges 1 Cable: Connector type Type 2 cable Max. output intensity (A) 32 Charging mode Mode 3 (IEC 61851-1) No. of charges 2 Max. output power (kW) 7-A 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 2-0 +60 °C Communication Network Protocol OCPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards Electrical safety, Installation category All III 300 V Standards LEC 61851-1, IEC 61851-12, IEC 62196-1, IEC 62196-2, Directiva 2014/33 2014/30/UE, EMC	Type of network	1Ph + N + GND
Surge protection (DSP) Transient surge protector IEC 61643-1 (Class III), (Optional) Decrurrent protection PIA 4.0 A (curve C) Power balance between charges 1 Cable: Connector type Type 2 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 % Mechanical characteristics Size (mm) width x height x depth 450 x 1550 x 290 (mm) Envelope Aluminum and ABS Festening Floor fixing with 4 bolts Weight (kg) 55 Environmental characteristics Frotection class Relative humidity (without condensation) 5 95 % Storage temperature -20 +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, Directiva 2014/35 2014/30/UE, EMC	Nominal voltage	230 V ~ ± 10 %
Divercurrent protection PIA 40 A (curve C) Power balance between charges 1 Cable: Connector type Type 2 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 % 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 Frotection class IP 54 / IKTO Relative humidity (without condensation) 5 95 % Storage temperature -20 +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 Slandards Electrical safety, Installation category CAT III 300 V Slandards Electrical safety, Installation category CAT III 300 V Slandards Electrical safety, Installation category CAT III 300 V Slandards Electrical safety, Installation category CAT III 300 V CA	Electrical characteristics	
Power balance between charges Cable: Connector type Type 2 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 % 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 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, Directiva 2014/38 2014/30/UE, EMC	Surge protection (DSP)	Transient surge protector IEC 61643-1 (Class II), (Optional)
Cable: Connector type Max. output intensity (A) 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 Protection cl	Overcurrent protection	PIA 40 A (curve C)
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 Ploor fixing with 4 bolts Weight (kg) 55 Environmental characteristics Protection class Protection class IP 54 / IKI0 Relative humidity (without condensation) 5 95 % Storage temperature -20 +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, Directiva 2014/33 2014/30/UE, EMC	Power balance between charges	1
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 / 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, Directiva 2014/38 2014/30/UE, EMC	Cable: Connector type	Type 2 cable
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 OCPP Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards IEC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directiva 2014/35 2014/30/UE, EMC	Max. output intensity (A)	32
Max. output power (kW) 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 / 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, Directiva 2014/38 2014/30/UE, EMC	Charging mode	Mode 3 (IEC 61851-1)
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Mechanical characteristics Size (mm) width x height x depth Envelope Aluminum and ABS Fastening Floor fixing with 4 boits 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 Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards Electrical safety, Installation category CAT III 300 V Standards Electrical safety, Installation category CAT III 300 V Standards Electrical safety, Installation category CAT III 300 V Standards	Max. output power (kW)	7,4
Size (mm) width x height x depth 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 / Type Ethernet 10/100 Base TX (TCP/IP) Standards Electrical safety, Installation category CAT III 300 V Standards IEC 61851-1, IEC 62196-1, IEC 62196-2, Directiva 2014/35 2014/30/UE, EMC	Voltage	230 V ~ ± 10 %
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 / Type Ethernet 10 / 100 Base TX (TCP / IP) Standards Electrical safety, Installation category CAT III 300 V Standards Electrical safety, Installation category CAT III 300 V Standards IEC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directiva 2014/35 2014/30 / UE, EMC	Mechanical characteristics	
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 / 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, Directiva 2014/35 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 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, Directiva 2014/35 2014/30/UE, EMC	Envelope	Aluminum and ABS
Environmental characteristics Protection class Relative humidity (without condensation) 5 95 % Storage temperature -20 +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 62196-1, IEC 62196-2, Directiva 2014/35 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 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, Directiva 2014/35 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 Protocol 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, Directiva 2014/35 2014/30/UE, EMC	Environmental characteristics	
Storage temperature -20 +60 °C Working temperature -5 +45 °C Communication Network Protocol Technology / Type Standards Electrical safety, Installation category CAT III 300 V Standards Electrical safety, Installation category Standards	Protection class	IP 54 / IK10
Working temperature -5 +45 °C Communication Network Protocol Cepp Technology / Type Ethernet 10/100 Base TX (TCP/IP) Standards Electrical safety, Installation category Standards Electrical safety, Installation category Standards IEC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directiva 2014/35 2014/30/UE, EMC	Relative humidity (without condensation)	5 95 %
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, Directiva 2014/35 2014/30/UE, EMC	Storage temperature	-20 +60 °C
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, Directiva 2014/35 2014/30/UE, EMC	Working temperature	-5 +45 °C
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, Directiva 2014/39 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, Directiva 2014/35 2014/30/UE, EMC	Protocol	ОСРР
Electrical safety, Installation category CAT III 300 V Standards IEC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directiva 2014/35 2014/30/UE, EMC	Technology / Type	Ethernet 10/100 Base TX (TCP/IP)
Standards IEC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directiva 2014/35 2014/30/UE, EMC	Standards	
2014/30/UE, EMC	Electrical safety, Installation category	CAT III 300 V
Electrical safety	Standards	IEC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directiva 2014/35/UE, LVD 2014/30/UE, EMC
	Electrical safety	
Insulation Double-insulated electric shock protection class II (IEC 61010)	Insulation	Double-insulated electric shock protection class II (IEC 61010)







Code: V1062G.

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	LCD

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 A (30 mA) with automatic reclosure (optional) RCD
	Type B (optional) RCD Type B with automatic reclosure (optional)

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	Cable Type 2	
Network type	Single-phase (AC)	

Output 2

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Maximum current	32 A
Maximum power	7,4 kW
Voltage range	230 Vca
Connector type	Cable Type 2
Network type	Single-phase (AC)

URBAN 20

URBAN 20 outdoor charging post

CODE	TYPE	No. Sockets	Output type	Connector type	Grid type	
URBAN 2	URBAN 20					
V10622.	URBAN M22	2	230 Vca - 32 A - 7,4 kW	Type 2 socket	Single-phase	







Code: V1062G.

CODE	TYPE	No. Sockets	Output type	Connector type	Grid type
V10693.	URBAN T22 Gen3	2	400 Vca - 32 A - 22 kW	Type 2 socket	Three-phase
V10696.	URBAN T22-C2 Gen3	2	400 Vca - 32 A - 22 kW	Type 2 cable	Three-phase
V10627.	URBAN T24-MIX	4 (2)	400 Vca - 32 A - 22 kW 230 Vca - 16 A - 3,7 kW	Type 2 socket Schuko	Three-phase
V1062G.	URBAN M22-C2	2	230 Vca - 32 A - 7,4 kW	Cable Type 2	Single-phase

Independent, 30-mA, type-A earth leakage protection and circuit breaker protection per plug, MID Integrated energy measurement, RFID reader for identification and charging activation. Data storage, Ethernet communications, 3G communications (optional), OCPP 1.5/1.6 communications protocol, Weight: 55 kg, IP54-IK10 aluminium housing, dimensions 1550x450x290 mm. 4-m cable length (depending on model).







Code: V1062G.

Dimensions



