

URBAN-WB SLAVE M2, Indoor charging wall box

#### Code: V20642. (CONSULTAR DISPONIBILIDAD)

- > Communications: Ethernet
- > Output type: 230 Vca 32 A 7,4 kW
- > Connector type: Type 2 socket
- > 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.

# Circutor



Smart charging devices

Code: V20642.

### Specifications

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, LV 2014/30/UE, EMC	AC power supply	
Type of network     1Ph + N + 6ND       Nominal voltage     230 V - ± 10 %       Intercical characteristics     230 V - ± 10 %       Surge protection (DSP)     Transient surge protector IEC 6164.3-1 (Class II), (Optional)       Overcurrent protection     PIA 40 A (curve C)       Cablic Connector type     Type 2 socket       Max. output intensity (A)     32       Charging mode     Mode 3 (IEC 61851-1)       No. of charges     2       Max. output prover (KW)     7.4       Voltage     230 V - ± 10 %       Berthical Characteristics     230 V - ± 10 %       Size (mm) width x height x depth     382 x 928 x 222 (mm)       Envelope     Aluminum and ABS       Patenting     Valemented       Size (mm) width x height x depth     382 x 928 x 222 (mm)       Envelope     Aluminum and ABS       Patenting     Valemented       Sizerge temperature     -40 - 460 °C       Relative humidity (without condensation)     5	Input intensity	67 A
Amminal valtage     230 V ± ±0 %       Retrical characteristics     Fransient 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       Charign mode     Mode 3 (EC 61851-1)       No. of charges     2       Max. output prover (kW)     7.4       Valtage     230 V - ± 10 %       Retenical characteristics     2       Envelope     Aluminum and ABS       Pastening     Wall-mounted       Retenive Horizont Connectories     95 %       Storage temperature     40 460 °C       Working temperature     -5 445 °C       Protection class     10 CPP       Technology / Type     Ethernel 10/100 Base TX (TCP/IP)       Retarder S     20 CV = 110 SOV       Standards     EC 61851-1, EC 61951-2, IEC 62196-2, Directive 2014/35/UE, UK 2014/35/UE, LW	Frequency	50 60 Hz
increase     Fransient surge protector IEC 61643-1 (Class II), Optional)       Overcurnet protection (DSP)     Transient surge protector IEC 61643-1 (Class II), Optional)       Overcurnet protection     PIA 4D 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 Intensity (A)     7.4       Voltage     230 V - ± 10 %       Aechanical characteristics     2       Starge (mm) width x height x depth     382 x 928 x 222 (mm)       Envelope     Aluminum and ABS       Fastening     Wail-mounted       Arriverope     Protection class       Protection class     IP 54 / IK10       Relative humidity (without condensation)     595 %       Storage temperature     -40460 °C       Working temperature     -545 °C       Construction Network     Electrical safety, Installation category       Electrical safety, Installation category     CAT III 300 V       Electrical safety, Installation category     CAT III 300 V       Electrical safety, Installation category	Type of network	1Ph + N + GND
Surge protection (DSP)     Transient surge protector IEC 61643-1 (Class II), (Optional)       Dvercurrent 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     2       Size (mm) width x height x depth     382 x 928 x 222 (mm)       Envelope     Aluminum and A8S       Fastening     Wall-mounted       Size (ms) width x height x depth     5 95 %       Storage temperature     -40 +60 °C       Voltage     -5445 °C       Communication Network     CPP       Protocol     OCPP       Technology / Type     Ethernet 10/100 Base TX (TCP/IP)       Ethernet la safety, Installation category     CAT III 300 V       Standards     IEC 61851-1, IEC 61951-22, IEC 62196-2, Directive 2014/35/UE, LV 2014/30/UE, EMC	Nominal voltage	230 V ~ ± 10 %
Decrurent 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 harges 2   Max. output power (kW) 7.4   Voltage 20 V ~ ± 10 %   Perchanical characteristics 2   Size (mm) witht x height x depth 382 x 928 x 222 (mm)   Envelope Aluminum and ABS   Fastening Wall-mounted   Protection class IP 54.7 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 1D/100 Base TX (TCP/IP)   Ethernet Isafety, Installation category CAT III 300 V   Standards Life C 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LVZ 2014/30/UE, EMC	ectrical characteristics	
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 %   dechanical characteristics   size (mm) width x height x depth   Size (mm) width x height x depth 382 x 928 x 222 (mm)   Aluminum and ABS   Fastening Wall-mounted   anvicommental characteristics   Protection class   Protection class P54 / IKI0   Relative humidity (without condensation) 595 %   Storage temperature   of CP   cammunication Network   Protection class   CPP   Catelative humidity (without condensation)   S	Surge protection (DSP)	Transient surge protector IEC 61643-1 (Class II), (Optional)
Max output intensity (A)32Charging modeMode 3 (IEC 61851-1)No. of charges2Max. output power (KW)7,4Voltage230 V = ±10 %technical characteristicstechnical characteristicsSize (mm) width x height x depthSize (mm) width x height x depthNice (Size (Size (Size (Size (Size (Size (	Overcurrent protection	PIA 40 A (curve C)
Charging mode   Mode 3 (EC 61851-1)     No. of charges   2     Max. output power (kW)   7,4     Voltage   300 V ~ ± 10 %     dechanical characteristics     dechanical characteristics     dechanical characteristics     Size (mm) width x height x depth     Size (mm) Size (mm) Size (mm) Size (mm) Size (mm) Size (mm) Size	Cable: Connector type	Type 2 socket
No. of charges   2     Max. output power (kW)   7.4     Voltage   300 V - ± 10 %     Voltage   382 x 928 x 222 (mm)     Kethenical characteristics   382 x 928 x 222 (mm)     Ervelope   Aluminum and ABS     Fastening   Wall-mounted     nvironmental characteristics   Velope     Protection class   IP 54 / Ix10     Relative humidity (without condensation)   595 %     Storage temperature   -40 460 °C     ommunication Network   -40 460 °C     Protecton   OCPP     Technology / Type   Ethernet 10/100 Base TX (TCP/IP)     Electrical safety, Installation category   CAT III 300 V     Standards   EC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, ILC	Max. output intensity (A)	32
Max. output power (kW)   7.4     Voltage   230 V = ±10 %     techanical 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   Wall -mounted     nvironmental characteristics   Vall -mounted     nvironmental characteristics   19 54 / IK10     Relative humidity (without condensation)   595 %     Storage temperature   -40+60 °C     ommunication Network   -     Protocol   OCPP     Technology / Type   Ethernet 10/100 Base TX (TCP/IP)     tendards   CAT III 300 V     Standards   LEC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LW	Charging mode	Mode 3 (IEC 61851-1)
Voltage   20 V ~ ± 10 %     dechanical characteristics     Size (mm) width x height x depth   382 x 928 x 222 (mm)     Envelope   Aluminum and ABS     Fastening   Wall-mounted     Invironmental characteristics   Wall-mounted     Protection class   IP 54 / IK10     Relative humidity (without condensation)   5 95 %     Storage temperature   -40 +60 °C     Working temperature   -5 445 °C     ommunication Network   CCPP     Protocol   OCPP     tendends   Electrical safety, Installation category     Electrical safety, Installation category   CAT III 300 V     Standards   Life G1851-12, IEC 61851-22, IEC 62196-2, Directive 2014/35/UE, LVC	No. of charges	2
techanical characteristics     Size (mm) width x height x depth   382 x 928 x 222 (mm)     Envelope   Aluminum and ABS     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     ommunication Network   CCPP     Protocol   OCPP     Technology / Type   Ethernet 10/100 Base TX (TCP/IP)     tendards   CAT III 300 V     Standards   IEC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LV 2014/30/UE, EMC	Max. output power (kW)	7,4
Size (mm) width x height x depth   382 x 928 x 222 (mm)     Envelope   Aluminum and ABS     Fastening   Wall-mounted     nvironmental characteristics   IP 54 / IK10     Relative humidity (without condensation)   5 95 %     Storage temperature   -40 +60 °C     Working temperature   -5 +45 °C     Protocol   0CPP     Technology / Type   Ethernet 10/100 Base TX (TCP/IP)     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, LV 2014/30/UE, EMC	Voltage	230 V ~ ± 10 %
Envelope   Aluminum and ABS     Fastening   Wall-mounted     Envelope   Wall-mounted     Envelope   IP 54 / 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)     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, LV 2014/30/UE, EMC	fechanical characteristics	
Fastening Wall-mounted   Automounted Wall-mounted   Automounted Mail-mounted   Automounted IP 54 / IK10   Relative humidity (without condensation) 5 95 %   Storage temperature -40 +60 °C   Working temperature -5 +45 °C   Automounteation Network OCPP   Protocol OCPP   Technology / Type Ethernet 10/100 Base TX (TCP/IP)   Electrical safety, Installation category CAT III 300 V   Standards IEC 61851-12, IEC 61951-22, IEC 62196-2, Directive 2014/35/UE, LV 2014/30/UE, EMC	Size (mm) width x height x depth	382 x 928 x 222 (mm)
Anison and the state of th	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)     itandards   CAT III 300 V     Standards   Ecolesian for the fast of the fast o	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)     Etectrical safety, Installation category   CAT III 300 V     Standards   EIC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LV 2014/30/UE, EMC	invironmental characteristics	
Storage temperature -40 +60 °C   Working temperature -5 +45 °C   Communication Network CPP   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, LV 2014/30/UE, EMC	Protection class	IP 54 / IK10
Working temperature   -5 +45 °C     communication Network   CPP     Protocol   OCPP     Technology / Type   Ethernet 10/100 Base TX (TCP/IP)     Retardards   CAT III 300 V     Standards   IEC 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LV 2014/30/UE, EMC	Relative humidity (without condensation)	5 95 %
Sommunication Network   OCPP     Protocol   OCPP     Technology / Type   Ethernet 10/100 Base TX (TCP/IP)     Standards   CAT III 300 V     Standards   IEC 61851-12, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LV 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 61851-1, IEC 61851-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LV 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, LV 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, LV 2014/30/UE, EMC     Electrical safety   Standards	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, LV 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, LV 2014/30/UE, EMC       Electrical safety     IEC 61851-22, IEC 62196-1, IEC 62196-2, Directive 2014/35/UE, LV 2014/30/UE, EMC	Standards	
2014/30/UE, EMC	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, LVE 2014/30/UE, EMC
Insulation Double-insulated electric shock protection class II (IEC 61010)	Electrical safety	
	Insulation	Double-insulated electric shock protection class II (IEC 61010)

Circutor



Smart charging devices

Code: V20642.

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 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)		

#### 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, IP54-IK10 aluminium casing, Dimensions: 928x450x290 mm. 4-m cable length (depending on model).





Smart charging devices

Code: V20642.

# Dimensions

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