



## URBAN-WB CCS1

URBAN-WB CCS1, DC Car park boxes

Code: V20711. **DESCATALOGADO**

- > Communications: Ethernet
- > Output type: 151 ... 920 Vcc - 70 A - 25 kW
- > Connector type: CCS Combo 1 [CC]
- > Grid type: Three-phase
- > Charge mode: 4
- > No. Sockets: 1
- > Earth leakage protection: Type B

### Description

The **URBAN-WB CCS** range is the perfect fast-charging solution for small, private settings. It can be installed on the wall or floor thanks to its two models (wallbox and post). This same compact and robust design is also present in its aluminium enclosure, suitable for all types of environments. The **URBAN-WB CCS** has a DC charging power of 25 kW, thus sidestepping the power limitation imposed by chargers on board electric vehicles with AC charging.

### Application

The **Urban CCS** range has been developed to offer a fast-charging solution in environments where there is no high-power electrical infrastructure (small electric vehicle fleets, dealerships, carsharing companies, small private car parks, etc.) to improve the charging speed of electric vehicles without a major investment.



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Smart charging devices

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### Specifications

#### AC power supply

Input intensity	39 A
Power factor	> 0,98
Frequency	50 / 60 Hz
Type of network	3Ph + N + GND
Nominal voltage	400 V ~ ( $\pm 10\%$ ) (480 V ~ bajo demanda)

#### Electrical characteristics

Surge protection (DSP)	Optional
Overcurrent protection	MCB curve C (50 A)
Cable: Connector type	CCS Combo 1 (5.5-m cable length)
Max. output intensity (A)	0 ... 70 cc
Charging mode	Mode 4
No. of charges	1
Max. output power (kW)	25 (cc)
Efficiency	94%
Voltage	150 ... 920 Vdc

#### Mechanical characteristics

Size (mm) width x height x depth	382 x 984 x 236 (mm)
Envelope	Aluminium & ABS
Noise	< 55 dB
Fastening	Wall-mounted
Weight (kg)	55

#### Environmental characteristics

Protection class	IP 54 / IK10
Relative humidity (without condensation)	5 ... 95 %
Storage temperature	-40 ... +60 °C
Working temperature	-35 ... +45 °C

#### Standards

Certifications	CE
Electrical safety, Installation category	CAT III 300 V
Standards	IEC 61851-1, IEC 61851-23, IEC 61851-21-2, CE / Combo, DIN 70121, ISO 15118, MID: Class 1 - EN 50470-3

#### Communication Network

Protocol	OCPP
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Technology / Interface		Ethernet 10/100 Base TX (TCP/IP)
Electrical safety		
Insulation		Double-insulated electric shock protection class II (IEC 61010)
User interface		
LED		RGB color charge indicator
Features / performance		
Energy measurement		Meter for measuring alternating electrical energy according to UNE-EN 50470
Protection		
Safety relay type (class)		RCD B
Output 1		
Maximum current		70 A
Maximum power		25 kW
Voltage range		150-920 Vcc
Connector type		CCS Combo 1 (CC)
Network type		DC

Physical Start/Stop buttons, Weight: 52,6 kg, IP54-IP10 aluminium casing, Dimensions: 984 x 382 x 236 mm. 5,5-m cable length.



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### Dimensions

