



URBAN MASTER CCS1

URBAN MASTER CCS1, DC recharging post

Code: V10731.

> Communications: Ethernet

> Output type: 150 ... 920 Vcc - 70 A - 25 kW

> Connector type: CCS Combo 1 [CC]

> Grid type: Three-phase > Charge mode: 4

> Earth leakage protection: Type B

Description

> No. Sockets: 1

The URBAN MASTER/SLAVE CCS solution consists of a combination of a smart Master charger that provides communications and has an RFID reader, 8" touchscreen and an optional bank card payment system that controls a set of Slaves.

With a compact and robust design and an aluminium enclosure for all types of environments, the Urban CCS is the fast-charging version of Circutor's venerable Urban line, with a DC charging power of 25 kW, thus sidestepping the power limitation imposed by chargers on board electric vehicles with AC charging.

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.

Application

The Urban CCS range has been developed to offer a fast-charging solution in environments where there is no high-power electrical infrastructure, and where AC charging is insufficient. It is ideal for charging small fleets

vehicles, dealerships, carsharing companies, small private car parks, etc., without making a major investment. This device can be installed on the wall or floor thanks to its two models (wallbox and post).







URBAN MASTER CCS1

Outdoor charging posts

Code: V10731.

Specifications

Input intensity	39 A	
Efficiency	94%	
Power factor	> 0,98	
Frequency	50 / 60 Hz	
Type of network	3Ph + N + GND	
Nominal voltage	400 V \sim (\pm 10 %) (480 V \sim 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 сс	
Charging mode	Mode 4	
No. of charges	1	
Max. output power (kW)	25 (cc)	
Voltage	150 920 Vdc	
Mechanical characteristics		
Size (mm) width x height x depth	479 x 1750 x 288 (mm)	
Envelope	Aluminium & ABS	
Noise		
NOISE	< 55 dB	
Weight (kg)	< 55 dB 77	
Weight (kg)		
Weight (kg) Environmental characteristics	77	
Weight (kg) Environmental characteristics Protection class	77 IP 54 / IK10	
Weight (kg) Environmental characteristics Protection class Relative humidity (without condensation)	77 IP 54 / IK10 5 95 %	
Weight (kg) Environmental characteristics Protection class Relative humidity (without condensation) Storage temperature	77 IP 54 / IK10 5 95 % -40 +60 °C	
Weight (kg) Environmental characteristics Protection class Relative humidity (without condensation) Storage temperature Working temperature	77 IP 54 / IK10 5 95 % -40 +60 °C	
Weight (kg) Environmental characteristics Protection class Relative humidity (without condensation) Storage temperature Working temperature Standards	77 IP 54 / IK10 5 95 % -40 +60 °C -25 +45 °C	
Weight (kg) Environmental characteristics Protection class Relative humidity (without condensation) Storage temperature Working temperature Standards Certifications	77 IP 54 / IK10 5 95 % -40 +60 °C -25 +45 °C CE CAT III 300 V	
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Electrical safety

Insulation	Double-insulated electric shock protection class II (IEC 61010)	
Jser 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 TFT, multilingual	
Features / performance		
Heating and air conditioning unit	-35 +45 °C (Opcional)	
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	

URBAN MASTER DC

Intelligent charging posts, DC charging

CODE	TYPE	No. Sockets	Output type	Connector type	Grid type
MASTER					
V10730.	URBAN MASTER CCS2	1	150 920 Vcc - 70 A - 25 kW	CCS Combo 2 [FF]	Three-phase

