Cityline100 CDC - 7Kw - Contactless safevoltOne® - IET01 Charge Point

- **Smart enabled fast commercial charge point 7Kw single phase with UKPN Accepted safevoltOne® and 6mA DC block built in**
- **No need for ground rod or site excavation - Smart sensor safevoltOne® IET01 function**
- **CityEV CityEV+ app and/or contactless, RFID operation, optional QR and NFC**
- British designed and manufactured - **Elexon and OZEV Approved** - compact and durable stainless steel construction - wall or post mount
- CityEV and client back office management system - web access
- CityEV API and OCPP 1.6 or 2.0.1 support

- The New Cityline 100 CDC fast AC single phase 7Kw charge point is designed for ease of installation Elexon metering approved and with built in CityEV safevoltOne® and DC block technology with 6mA DC block and simple plug 'n' charge or fob operation in addition to fully managed contactless payments, the Cityline 100 CDC charge point from CityEV is the ideal EV charge point for commercial and public applications and can deliver fast AC charging at a full 32 amps, max 7Kw total. The Cityline 100 CDC is available with plug-in easy operation and is also compatible with CityEVs CityEV+ or OEM app with fob override, supplied as type 2 socket version and can be used with industry standard cables for Type 1 or 2 vehicles. Connector lock with the type 2 socket. Fob override for payments system, for in house corporate use.

- PCI Contactless credit & debit card
- CityEV+ app or 3rd party apps
- Optional QR/NFC operation

Revision 5.0 - March 2026 CityEV® products are the subject of one or more patent applications. Specifications are subject to change, E&OE CityEV® logos are registered.

Cityline 100 Specifications

Electrical	
Charge Current Rating	Min 6A - Max 32A, per phase
Charge Power Rating	Min 1380W – Max 7360W
Supply Voltage	230VAC +10% -6% (216V – 253V)
Required Supply Rating	Single Phase 32A
EV Connector	
Type 2 Socket Connector	EN 62196-2 Type 2 socket with cover flap
Lock 'Smart' model	Locking socket
Can be used with CityEV cables or any standard Type 1/2 to Type 2 cable - car universal	
Charge Mode	
Charge Mode	Mode 3 fully compliant
Charge Power Control	
Maximum Charge Current	Up to 32A
User Controls	
Display	1 or 3 Bright Tri-colour LED display indicators & colour LCD for contactless
Displayed Information	SYSTEM • Ready/Busy/Fault APPROVAL • Authorised/Pending CHARGE • Charging/Charged/EV Fault
Remote data collection	Via CityEV SIM - 4G - Elexon metering approved CMS- API/OCPP 1.6, 2.0.1
User Authorisation	
Local/Public	Contactless/RFID Fob/CityEV+ or client app - NFC and QR
Safety Features	
EV Supply Disconnect	EV supply disconnected until EV properly connected
Safety	safevoltOne® Automatic PME fault detection and 6mA DC block
Charge Current Limiter (Cable size validation)	Charge current automatically limited to connected cable size.
Cable Fault Detection	EV Cable automatically checked for faults
EVSE Fault Monitor	Auto fault monitoring of contactor operation, supply, output and charge point internal operation
EV Fault Monitoring	EV communication fault monitor
Charge Current Monitor	EV charging current automatically monitored for under/over current conditions. EV Supply disconnected for over current faults
Mounting Options	
Wall Mounting	Wall mounting option
Post Mounting	Post mounting option offering a range of mounts to accommodate a number of standard post diameters and profiles.
Cable Entry	Rear or bottom supply cable entry for standard 25mm cable gland
Environmental	
Enclosure Size	300mm H x 140mm W x 85mm D - Weight 3-4Kg
Environmental Protection	Outdoor rated, protection to IP44
Vandal Resistance	IK8
Operating Temperature	-20°C to 40°C
Operating Humidity	10% to 100%

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cityEV®

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