



Cityline 100 - IDC In Door 7Kw CityEV Safevolt® Public Charge Point

- **Smart enabled fast commercial charge point 7Kw for column doors - single phase with Safevolt® and 6mA DC block built in**
- **No need for ground rod or site excavation - Smart sensor or voltage sensing 18th Edition 7671 Amd. 1 compliance**
- **CityEV EVopencard® payment app**
- **British designed and manufactured Elexon and OZEV Approved - compact and durable 316 stainless steel construction - door mount version**
- **CityEV back office management system - web access**
- **CityEV API and OCPP / OCPI support**

The New Cityline 100 Smart fast AC single phase 7Kw charge point is designed for ease of installation onto column doors, Elexon approved and with built in CityEV Safevolt® and DC block technology and 6mA DC block with simple plug 'n' charge or fob operation; (optional payment systems), the Cityline 100 smart 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 is available with plug-in easy operation or with access control via a fob and can be operated with the CityEV EVopencard® app, supplied as type 2 socket version and can be used with a CityEV cable or industry standard cable for Type 1 or 2 vehicles. Security is provided by a fob to enable charging and a connector lock with the type 2 socket.

- Easy mount column door version
- CityEV EVopencard® app or 3rd party apps
- Optional QR/NFC operation



Cityline 100 - IDC 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						
Displayed Information	<table border="0"> <tr> <td>SYSTEM</td> <td>● Ready/Busy/Fault</td> </tr> <tr> <td>APPROVAL</td> <td>● Authorised/Pending</td> </tr> <tr> <td>CHARGE</td> <td>● Charging/Charged/EV Fault</td> </tr> </table>	SYSTEM	● Ready/Busy/Fault	APPROVAL	● Authorised/Pending	CHARGE	● Charging/Charged/EV Fault
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Remote data collection	Via CityEV SIM - GPRS - API/OCPP 2.0 - Elexon approved CMS						
User Authorisation							
Local/Public	RFID Fob/CityEV EVopencard app - NFC and QR						
Safety Features							
EV Supply Disconnect	EV supply disconnected until EV properly connected						
Safety	CityEV Safevolt® 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							
Mounting	Column/post integrated door mount version						
Column/post Mounting	Column post mounting option version for a range of door types to accommodate a number of standard post diameters and profiles, additionally special types						
Cable Entry	Internal concealed to connection unit						
Environmental							
Enclosure Size	300mm H x 100mm W x 85mm D - Weight 3-4Kg						
Environmental Protection	Outdoor rated, protection to IP54						
Vandal Resistance	IK8						
Operating Temperature	-20°C to 40°C						
Operating Humidity	10% to 100%						



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