



## Cityline 100 7Kw - CityEV Safevolt® Public Charge Point

- **Smart enabled fast commercial charge point 7Kw 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 with optional QR and NFC, RFID operation**
- **British designed and manufactured - Elexon and OLEV Approved - compact and durable 316 stainless steel construction - wall or post mount**
- **CityEV back office management system - web access**
- **CityEV API and OCPP support**

The New Cityline 100 Smart fast AC single phase 7Kw charge point is designed for ease of installation, 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.

- Clear LED indicators with optional fob access
- CityEV EVopencard® app or 3<sup>rd</sup> party apps
- Optional QR/NFC operation



# 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						
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	<b>CityEV Safevolt®</b> 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 20mm cable gland						
Environmental							
Enclosure Size	300mm H x 140mm 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%						



For further information  
contact CityEV sales on  
**+44 (0) 2393 190339**  
or email [sales@cityev.net](mailto:sales@cityev.net)

CityEV Limited Technopole, Kingston Crescent,  
Portsmouth, UK, PO2 8FA  
UK: 02393 190 399 Intl: +44 2393 190 399  
Web: [cityev.net](http://cityev.net)