



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**
- **Integrated NMI pattern approved meter**
- **ChargePost payment app**
- **British designed and manufactured – compact and durable stainless steel construction – door mount version**
- **CityEV back office management system – web access**
- **CityEV API and OCPP / OCPI support**

The Cityline 100 IDC AC single phase 7kW charge point is designed for ease of installation on lamp columns or in lamp column doors. It is compact and lightweight and features built in CityEV Safevolt® and 6mA DC block.

The Cityline 100 IDC is fully smart (4G) and can be load managed by group making it ideal for on street deployment or in off-street car parks.

Payment can be made through the ChargePost app or charge sessions can be activated through fobs for fleet. The Cityline 100 IDC has an integrated NMI pattern approved meter.



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	SYSTEM ● Ready/Busy/Fault APPROVAL ● Authorised/Pending CHARGE ● Charging/Charged/EV Fault
Remote data collection	Via CityEV SIM – GPRS – API/OCPP 2.0
User Authorisation	
Local/Public	RFID Fob/ChargePost 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	300 mm H x 100 mm W x 85 mm D – Weight 3–4 kg
Environmental Protection	Outdoor rated, protection to IP54
Vandal Resistance	IK8
Operating Temperature	-20°C to 55°C
Operating Humidity	10% to 100%



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