EVline 100 Smart 3.5/7Kw CityEV IET01 safevoltOne® Charge Point

- **Smart enabled fast commercial charge point 3.5/7Kw single phase with safevoltOne® and 6mA DC block built in**
- **No need for ground rod or site excavation - IET01 sensing and switching functions**
- Simple, plug 'n' charge or fob operated versions, safe and reliable
- British designed and manufactured - OLEV Approved - compact and durable stainless steel construction - wall or post mount
- With clear indications and simple operation, focused on ease of use for drivers
- CityEV back office management system with web access

The New EVline 100 Smart fast AC single phase 3.5/7Kw charge point is designed for ease of installation with bulit in CityEV safevoltOne® and DC block technology and 6mA DC block with simple plug 'n' charge or fob operation; the EVline 100 smart chargepoints from CityEV is the ideal EV chargepoints for commercial applications and can deliver fast AC charging at a full 32 amps, max 7Kw total. The EVline 100 Smart is available with plug in easy operation or with access control via a fob, 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, the unit features optional usage reporting for business users with a CityEV SIM card enabled.

- **Clear LED indicators with optional fob**
- **Optional SIM for remote data access**
- **Always on/session/on-off 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.

EVline 100 Smart Specifications

Electrical	
Charge Current Rating	Min 6A - Max 32A
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	Optional via CityEV SIM
User Authorisation	
Local	Optional via RFID fob
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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