



EVline 100 Smart Configuration



Operating Modes

Charging Authorisation

The EVline 100 Smart can be configured at the time of installation to operate in one of three distinct charge authorisation modes:

1. Always authorised, free to use.
2. Always authorised, free to use but can be enabled or disabled using key fob.
3. Each charging session authorised by key fob.

Maximum Charging Current

The EVline 100 Smart can be configured at the time of installation to operate in one of two maximum charging current modes:

1. 16A
2. 32A

The actual current at the time of use is limited according to the cable type used. i.e. a charge point configured to charge at a maximum of 32A will only operate at 16A if a 16A cable is used.

Back Office Communications

The EVline 100 Smart can be configured at the time of installation or subsequently to use the built-in cellular network communications to communicate with the CityEV back office system to allow central monitoring and control of the charge point. This option can be used to provide charge point usage reports and billing if required.

Note: The use of this service will require the charge point installation details form to be returned to CityEV to enable the charge point to be set up on the central monitoring system and the unit's SIM card to be activated.

Note also that this is a cost option and will incur a quarterly service charge.

For units supplied under the OLEV workplace ChargePoint scheme back office communications and monitoring is mandatory.




Operating Mode Configuration

Factory configuration:




- Charging Authorisation: Always authorised, free to use
- Maximum Charging Current: 16A
- Back Office Communications: Disabled

Configuration Programming:

1. Press Start/Stop switch
2. Swipe master Key fob

	
	Middle green LED flashes
	

3. Within 20 seconds press start/stop switch

	Top LED flashes to indicate charge authorisation mode
	
	

Top LED flashes in groups to indicate currently programmed authorisation mode as follows:

1 flash = Always authorised, free to use






2 flashes = Free to use but enabled/disabled by key fob



3 flashes = Each charging session authorised by key fob



4. Press start/stop switch to change mode

	
	After 20 seconds middle LED indicates maximum charge current
	

Middle LED flashes in groups to indicate Maximum Charging current:




1 flash = 16A



2 flashes = 32A



5. Press start/stop switch to change mode

	
	
	After 20 seconds bottom LED indicates communications mode

Bottom LED flashes in groups to indicate communications mode:

1 flash = No Communications



2 flashes = Back office communications enabled



6. Press start/stop switch to change mode

After 20 seconds the display cycle will begin again with the top LED

7. Swipe key fob to exit programming mode.
8. Charge point will restart

Keyfob Programming:

Each EVline 100 Smart is supplied with 2 master key fobs.




Master key fobs can be used for normal charging authorisation and also for ChargePoint programming.

Additionally, master key fobs can add new user key fobs to the system.




User key fobs can only be used to authorise charging and cannot be used for system programming.

The add an additional user key fob:

1. Press Start/Stop switch
2. Swipe master Key fob

	
	Middle green LED flashes
	

3. Swipe new user Key fob

	
	Middle LED turns orange for 5 seconds to indicate new key fob has been added.
	

4. Unit returns to normal operation

Notes

Notes

ChargePoint Installation Details Form

- **This form needs to be completed and returned to CityEV if it is required to include the charge point in the CityEV central charge point online monitoring system.**

- If the charge point has been installed under the OLEV Workplace Charging Scheme, central monitoring is an **OLEV mandatory** requirement.

The Cityline EVline 100 Smart charge point as supplied is not configured to use the back office communications.

- 1.** First follow the instructions on pages 3 & 4 of this manual to enable back office communications on the charge point.

- 2.** Next fill out and return this form to CityEV for the process to be completed.

Charge point ID			
Name of Owner			
Installation Address Including Postcode			
Billing Address			
Date of installation			
Charge point power	16A		32A
Installer Name & Address			

- 3.** Return this form to CityEV Ltd

By email: support@cityev.net
By post: CityEV Ltd, Burnt Thorns, Kilsby Lane, Rugby. CV21 4PN
By Fax: 01788 511078