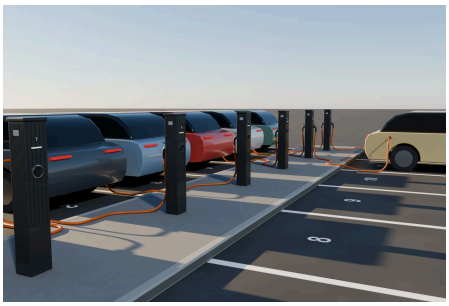
PLAZA IMPLEMENTED, ON ORDER

Plaza Charge

Up to 12 cars on one shared 3×35 A connection. Up to 12 plugs per pole between 6 + 6 parking spaces, or spread over more poles. Every car plugged in for at least 8 hours gets at least 50 km added, even with all 12 plugs in use (cars that charge on three phases). Cars can stay plugged in, and charging can follow a flexible energy contract.

Concept render, design A: one 12-point column for 6 + 6 bays



Concept render, design C: a slim dual pole between every pair of facing bays

Concept render, design A: one socket per face, bay number and status light above each

Concept render, design C: two sockets per pole, one toward each row

IN SHORT

Charging infrastructure is expensive because it is sized for the fastest case. Plaza Charge is sized for the common case: a car that stands still for many hours. One 3×35 A connection is shared by up to twelve cars. A car plugged in for at least 8 hours gets at least 50 km added, even when all twelve plugs are in use; this is guaranteed for cars that charge on three phases.

Because the cars share the connection, they can stay plugged in: there is no need to move a car when it is charged. And because a parked car has time, charging can follow a flexible energy contract and use the hours when energy is cheap.

The site never draws more than a set limit, and that limit can be lowered at peak hours. That keeps Plaza Charge clear of grid congestion: it does not ask for a bigger connection, and with GridShield the grid operator can lower the limit in an emergency.

PRICE	on request, per pole
LEAD TIME	On request

KEY FACTS

SPECIFICATION	VALUE
Plugs	Up to 12 per pole, between 6 + 6 parking spaces; the 12 plugs can also be spread over more poles, for example 6 poles with 2 plugs
Grid connection	One 3×35 A connection, a standard size in the Netherlands, shared by all cars
Guaranteed minimum	At least 50 km added for every car plugged in for at least 8 hours, with all 12 plugs in use; more when fewer cars are charging. Guaranteed for cars that charge on three phases
Smart charging and grid congestion	The site never draws more than a set limit, which can be lowered at peak hours; with GridShield the grid operator can lower it in an emergency
Use	Overnight top-up for residents, employees, fleets; not fast charging
Always plugged in	Cars can stay plugged in after they are charged; nobody has to move their car to free the plug
Flexible energy contracts	Charging can follow the hours when energy is cheap, within the guaranteed minimum
Sites	Car parks, VvE garages, company lots, and DC fast-charging sites that want cheap overnight AC charging for taxis, vans and buses
Metering and authorisation	Per plug; NFC reader as the standard authorisation; details to be confirmed

Test it in your project: info@edgetech.eu

Full specifications: edgetech.eu/products/plaza-charge