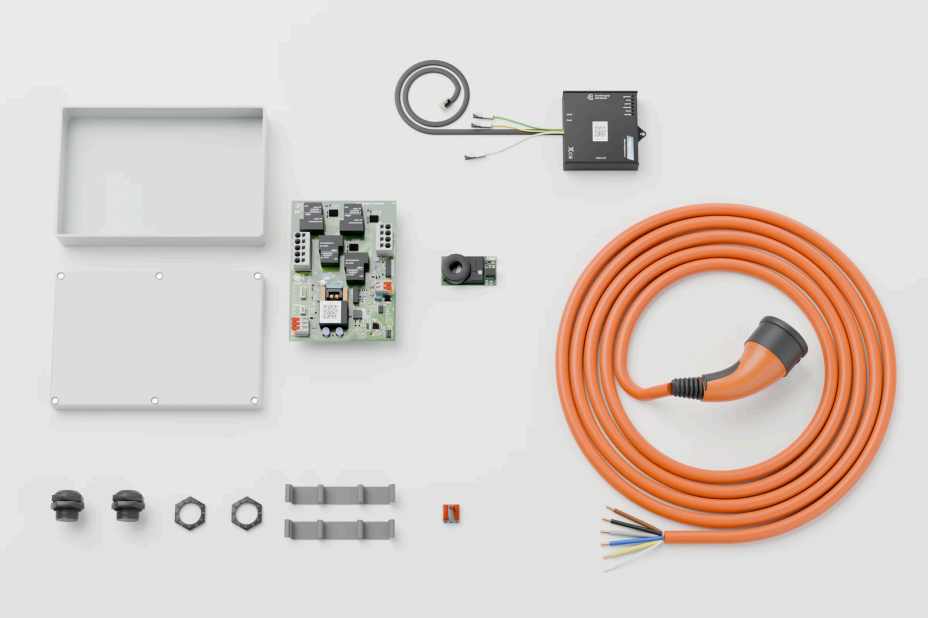
EDGE-DIY-KIT SHIPPED

DIY smart charging kit

Everything to build one smart, load-balanced charger: charge controller with 6 mA DC leak detection (RDC-DD), enclosure, 5 m 3-phase charging cable with Type 2 plug, and a site controller for your smart meter or with clamp-on current sensors. You only need a wall and a power connection. For DIY builders and installers.



Everything in the box (small enclosure, smart-meter site controller)

Built and on the wall

IN SHORT

The same boards that go into commercial chargers, packed with the enclosure, the charging cable and everything to mount and connect them. You only need a wall and a power connection.

The kit exists because the first EdgeTech customers were installers who wanted to build their own charge points instead of buying a black box. The build instructions, brackets and wiring diagram are open on GitHub, and this kit is the fastest way to get the matching hardware.

PRICE	from € 350 excl. VAT · € 423.50 incl. VAT
LEAD TIME	From stock

CONFIGURABLE

- **Enclosure:** Small (the same box as our charger), or larger with room for a MID kWh meter
- **Site controller:** Smart meter: EVSE-SC-02 with P1 cable; or clamps: EVSE-SC-01 with 3 clamp-on current sensors

KEY FACTS

SPECIFICATION	VALUE
Contents	EVSE-C-3x32A charge controller, EVSE-X-DCD DC earth-leak sensor, enclosure, 5 m 3-phase charging cable (20 A) with Type 2 plug, lever connector for the earth, 2 cable glands, 2 brackets the charge controller slides into, site controller (see options), wiring diagram
Not included	MCB and Type A RCD in the distribution board, and the supply cable to the charger. The wiring diagram lists suitable parts.
Power	3-phase 16 A (11 kW) as delivered, which is what most cars take; 1-phase also possible. The supplied cable is rated 20 A. The board itself goes up to 32 A (22 kW) with the jumper and a 32 A cable
Load balancing	Dynamic against the main fuse and solar surplus, via the P1 port of the smart meter (EVSE-SC-02) or three clamp-on current sensors (EVSE-SC-01)
App	MyCharger (iOS, Android) with a free trial of the platform subscription; 60 days
Installation	By or under supervision of a qualified electrician; NEN 1010 applies. Dutch manual and a video walk-through are provided.
evcc	Works with evcc: official evcc device "Edgetech Smart EVSE", template maintained by EdgeTech. evcc talks to the charge controller over RS485 and does the load balancing and solar charging itself; no site controller needed

Test it in your project: info@edgetech.eu

Full specifications: edgetech.eu/products/diy-kit