

EDGE-CH-D SHIPPED

Charger with display

Our main charger: the same grey box and electronics as the simple charger, with a transparent lid and a display behind it that shows charging state, current and energy. Use it as it is, or with your own shroud or front: a white-label charger under your name, with the MyCharger app under your name if you want it. From there it is a short way to your own enclosure and electronics through engineering.



With front shroud and display



The display: power, session energy, current per phase, state



In use, cable on the rest



Front

IN SHORT

Sites where the user wants to see what the charger is doing without opening the app: company car parks, VvE garages, and installers who prefer to read the state at the box.

PRICE	On request
LEAD TIME	Standard: produced to order, confirmed with the quotation. Own shroud: first batch 8–12 weeks after design freeze (indicative); repeat batches 4–6 weeks
CAD	STEP and drawing: edgetech.eu/cad/display-charger.step

CONFIGURABLE

- **Shroud:** Standard grey box, your own shroud or front, or your own enclosure
 - **Branding:** Front label, LED colours, app name and icon (white-label MyCharger), splash and support contact
 - **DC leak sensor (RDC-DD):** Standard, included with every charge point
 - **Charge points:** 1 or 2 per unit; up to 10 per site controller
 - **Connector:** Socket with lock; fixed cable 5 m or 7.5 m
 - **Phases:** 1-phase 16/32 A, 3-phase 32 A; per-socket 1P/3P switching for solar
- **Site measurement:** P1 (SC-02), CT clamps (SC-01), GridShield wireless, or none
 - **Firmware defaults:** Modbus address, lock type, LED type, CP disconnect behaviour, min/max current
 - **Metering:** On-board, or external MID meter
 - **Platform:** EdgeTech-hosted platform, or your own instance of the charging platform (on-premise deployable)
 - **NFC reader:** With or without

KEY FACTS

SPECIFICATION	VALUE
Display	Behind a transparent lid; shows state, current per phase, session energy; content to be confirmed
Shroud / front	Standard grey box, or your own shroud or front on the same box
Charge points per unit	1 or 2, each on its own EVSE-C-3x32A and EVSE-X-DCD
Power	1-phase 16 A or 32 A, or 3-phase up to 32 A (22 kW) per charge point
Connector	Type 2 socket with lock, or fixed Type 2 cable (5 m or 7.5 m)
Protection	DC leakage 6 mA (RDC-DD, IEC 62955) on board; upstream Type A RCD 30 mA and MCB per charge point supplied by the installer or built in
Load balancing	Dynamic per-second limiting with EVSE-SC-02 (P1) or EVSE-SC-01 (clamps), or wireless with GridShield
App and platform	MyCharger app (iOS, Android): start/stop, off-peak schedules, solar modes, consumption overview, automatic invoicing. Installer diagnostics and OTA updates.
Signalling	RGB status LED or addressable LED light ring, colours configurable
Authorisation	Plug and charge, app start, scheduled. RFID on request.
Metering	On-board metering (not MID). MID meter as an option for billing.
CE	Charge controller and site controller carry their own EU declarations of conformity; updated declarations (EN IEC 61851-1:2019, EN IEC 61851-21-2:2021, RED with EN 18031) soon. The assembled unit is declared by the party placing it on the market; we supply the technical file.
Manufactured	Boards and assembly in the Netherlands / EU

Test it in your project: info@edgetech.eu

Full specifications: edgetech.eu/products/display-charger