cord
EVIRA

Professional
Portable EV Chargers

"Cord EVIRA delivers the same performance as a fixed wall charger, but without the installation costs or the limitations of being fixed in one place.

Its multi-layered safety systems give technicians genuine peace of mind, EVIRA is a rugged, professional tool that offers the flexibility and cost-effectiveness our industry needs to make EV servicing and preparation easier"

Matt Cleevely, Cleevely Electric Vehicles

10x Faster. 100% Portable

Pro-grade portable charger
EVIRA delivers up to 10× faster charging than a 2.3kW "granny" cable, with no fixed installation required.*

Versatile power options
Four models: 7.4kW (1-phase 32A), 11kW (3-phase 16A), 22kW (3-phase 32A), plus 2.3–22kW Multi-Power with interchangeable plugs (UK 3-pin & CEE).

Tough for harsh conditions
IP65 water/dust protection, IK10 impact resistance, –40°C to +80°C operating range, with built-in electrical safety.

Advanced pro features
Programmable current limits, delay timers (for off-peak/tariff scheduling), and real-time diagnostics on the LCD (amps, kW, kWh, elapsed time, end-of-charge summary).

Cost-saving flexibility
Portable, recoverable design: avoid landlord approvals, groundworks and permanent wall boxes; redeploy wherever operations move.

Adjustable current
8–32A (finely stepped) to match supply constraints and protect upstream circuits.

Plug-and-charge simplicity
Connect to a CEE Commando socket and charge—no apps, Wi-Fi or SIM required.

Safety built in
Features a range of advanced safety features for vehicle and site protection (see page 6).

Workshop reach
5m to 10m tethered cable as standard for easy access around lifts, bays and plant.

Connector flexibility
Type 2 vehicle connector, Type 1 adaptor available for legacy vehicles.

Backed by Cord
2 year warranty and UK support.

"Up to 10× faster" vs a 2.3 kW portable charger on a domestic socket; real-world speeds depend on supply and vehicle limits.

The Cord EVIRA Range

PRO GRADE
Professional EV charger

Cord EVIRA 7.4kW

- 32A, 7.4kW
- CEE 1 phase commando plug
- 5m or 10m versions

Cord EVIRA 11kW

- 16A, 11kW
- CEE 3 phase commando plug
- 5m or 10m versions

Cord EVIRA 22kW

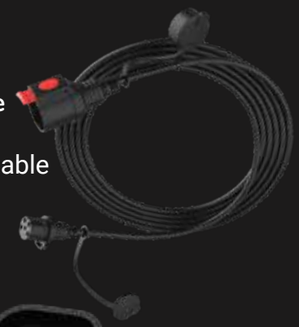
- 32A, 22kW
- CEE 3 phase commando plug
- 5m or 10m versions

Cord EVIRA 22kW Multi Power

- From 10A, 2.3kW
  1 phase up to 32A, 22kW
- Interchangeable adaptor set:
  - UK 3-pin plus 3 x CEE plugs (UK version)
  - EU Schuko plus 3 x CEE plugs (European version)
- 10m cable

Extension Cable

10m extension cable
for EVIRA 22kW
Multi Power



2.3kW 10A
EU 2 pin plug

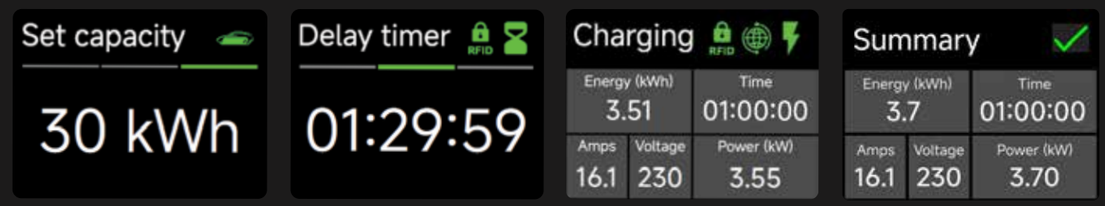
2.3kW 10A
UK 3 pin plug

7.4kW 32A 1 phase
CEE connector

11kW 16A 3 phase
CEE connector

22kW 32A 3 phase
CEE connector

LCD Information Screen



Control the power (kW) or duration (hh:mm) of the charge session

Delay start for tariff & load management

Energy delivered, elapsed time. Charging current, Voltage & power

End of charge summary

Safety Features

EVIRA EV chargers are designed with multiple layers of protection to ensure safe, reliable, and compliant operation in all environments. Below is a detailed explanation of the built-in safety features, including both AC and DC leakage protection.

Overcurrent protection
Prevents damage to the charger, vehicle, or wiring if the electrical current exceeds the safe rated limit. Triggered by faults in the charger, vehicle onboard charger, or sudden short circuits. Uses circuit breakers or fuses to disconnect power quickly, avoiding overheating, component failure, or fire risk.

Leakage protection AC (30 mA)
Detects alternating current (AC) leakage to earth, which may be caused by damaged cables, water ingress, or insulation faults. Trips when leakage exceeds 30 mA, shutting down power within milliseconds to protect users from electric shock. Operates continuously during charging.

Leakage protection DC (6 mA)
Specifically designed for EV applications to detect smooth DC fault currents that can be generated by vehicle onboard chargers. A DC fault above 6 mA can blind standard AC RCDs, making them ineffective. This protection ensures such faults are detected early and power is disconnected to maintain full safety.

Over-temperature protection
Monitors internal temperatures at key components such as power electronics and connectors. If overheating is detected due to prolonged high current, poor ventilation, or faulty connections, charging is paused or stopped until the unit cools. Cord EVIRA portable chargers has unique TRIPLE-PROTECTION, by including sensors across the sockets, control box, and plugs, EVIRA ensures ultra-safe operation with maximum protection against overheating risks.

Surge protection
Protects the charger and vehicle from sudden voltage spikes caused by lightning strikes, grid switching, or large nearby electrical loads. Surge protection devices (SPDs) divert or absorb excess voltage before it reaches sensitive electronics.

Over or under voltage protection
Ensures charging only occurs when the mains voltage is within a safe operating range. If voltage is too high or too low, it may damage components; too low can also cause overheating due to excess current draw. Stops charging if voltage is outside preset limits.

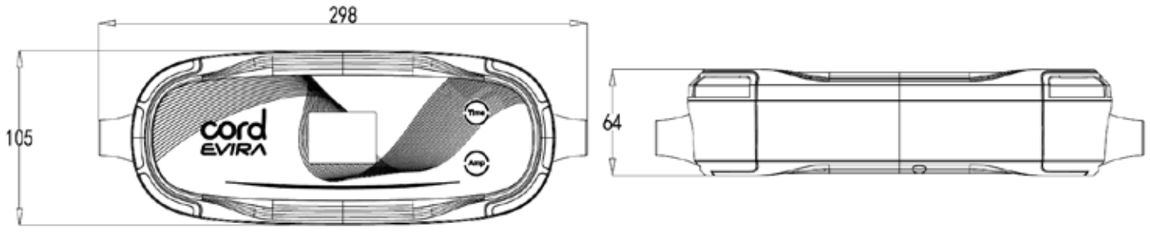
Ground protection
Verifies that the charger is properly earthed before and during charging. A poor or missing earth increases electric shock risk and can impair leakage protection. Charging is prevented if grounding is unsafe.

CP (Control Pilot) diode short circuit detection
The Control Pilot signal manages communication between charger and vehicle. A diode short circuit fault in this circuit could lead to unsafe charging. This protection stops charging immediately if such a fault is detected.

Relay adhesion detection
High-current relays (contactors) control power delivery to the vehicle. If a relay becomes stuck in the ‘on’ position, power may still flow when charging should be off. This system regularly tests relay operation and isolates power if a fault is found.

Important Safety Note
For safe charging, only use your Cord EVIRA with sockets and electrical supplies that meet UK (BS 7671:2018) or international (IEC/HD 60364) wiring regulations and are suitable for EV charging. This applies at home, at work, or anywhere else you plug in. If in doubt, ask a qualified electrician to check before use.

Dimensions



Safety and Technical Specification

Item	Model	CRDWPC05M07KW CRDWPC10M07KW	CRDWPC05M11KW CRDWPC10M11KW	CRDWPC05M22KW CRDWPC10M22KW	CRDWPC10M22KW-MULTI(-EU) CRDWPC10M22KW-MULTI(-EU)
Input	Power wiring	CEE32(1P)	CEE16(3P)	CEE32(3P)	UK/EU; CEE32(1P); CEE16(3P); CEE32(3P)
	Power supply	1 phase (1P+N+PE)	3 phase (3P+N+PE)	3 phase (3P+N+PE)	1/3 phase (1/3P+N+PE)
	Rated voltage	220-240V AC	380-400V AC	380-400V AC	220-240V/380-400V AC
	Rated current	32A	16A	32A	32A
	Power frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Output	Rated voltage	220-240V AC	380-400V AC	380-400V AC	220-240V/380-400V AC
	Rated current	32A	16A	32A	32A
	Rated power	7.4kW	11kW	22kW	22kW
	Cable specification	3x6mm²+1x0.5mm²	5x2.5mm²+1x0.5mm²	5x6mm²+1x0.5mm²	5x6mm²+1x0.5mm²
	Cable length	5m or 10m	5m or 10m	5m or 10m	5m or 10m
	Cable material	TPU sheath	TPU sheath	TPU sheath	TPU sheath
	Charging outlet	Type 2	Type 2	Type 2	Type 2
User Interface	RGB LED light	Yes	Yes	Yes	Yes
	LCD screen	Yes	Yes	Yes	Yes
	Multifunction button	Yes	Yes	Yes	Yes
	Supported function	Current selection, Delay timer, Charging power set, Max current detection for MULTI adaptors			
Safety	Protection level	IP65 for control box			
	Impact Rating	IK10			
	Crush Resistance	2,500kg / 2.5 tonne			
	RCD	6mA DC+30mA AC	6mA DC+30mA AC	6mA DC+30mA AC	6mA DC+30mA AC
	Electricity protection	Over current protection Leakage protection Over temperature protection, Surge protection Over or under voltage protection Ground protection, Cp Diode Short Circuit Relay Adhesion			
Mechanical data	Working temperature	-25°C to 45°C			
	Working humidity	5% ~ 95% no condensation			
	Working altitude	<2000m			
	Mating cycles	plug in/pull out >10,000 times			
	Control box dimension	298x105x64mm			
	Control box material	PC UL94-V0 for indoor/outdoor			
	Weight	4.4kg or 5.9kg	4.5kg or 5.5kg	5kg or 7.5kg	8kg or 10.5kg
Certification	Safety standard	EN 62752, EN IEC 61000-6-1, EN IEC 61000-6-3, EN IEC 61851-21-2			
	Certificate	UKCA, CB, CE, Chemical			
Warranty	Warranty	2 years			
Supported power system		TN-C, TN-S, TN-C-S			

Vehicle connection

EVIRA - IEC 62196-2 Type 2 Male

Vehicle - IEC 62196-2 Type 2 Female

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