LEKTRI·CO

TRI™

DATASHEET

Technical Data

FEATURES

Connectivity

Wi-Fi IEEE 802.11 b/g/n - 2.4GHz frequency
Bluetooth Low Energy
RFID - NFC
GSM - optional (*planned 2024)
Dedicated App - Local and remote management and control

Integrations

RESTful API and RPCs
API ready for 3rd party integraions and PV solutions
Smart Home Ready
Home Assistant, Amazon Alexa

CERTIFICATIONS

Standard
IEC 61851

Certifications

CE IK10 IP54 ✓ RoHS

OCPP 1.6
TRI™ is OCPP 1.6 standard compatible

SAFETY FEATURES

- Differential direct current detection device 6mA DC (RDC-DD) and 30mA AC.
- Overvoltage and undervoltage detection.
- Overheating protection-with derating protection algorithm.
- Current overload protection.
- Type 2 connector with shutters.

ELECTRICAL

Socket outlet
Type2 connector with shutters

Cable length
5m

Charging Power
1.4 kW to 22 kW
Dynamic 1 - 3 phase switching

Power Supply
Single phase: 230 Vac | 50Hz - L, N, PE
Three phase: 400Vac | 50Hz - L1, L2, L3, N, PE
Current: 6 - 32 A (can be limited to accommodate power supply)

INSTALLATION

Mounting
On wall (case fixed on the wall)
On pillar (case with integrated pillar)

Operating Temperature
- 25 °C ... + 45 °C

Dimensions
19cm x 19cm x 8.8cm

Protection
IP54 (Protection from dust, splashing water. Outdoor use is possible)
IK10 (Resistance to pendulum shock: mass of 5kg, 40cm string)

Weight
5kg (cable included)

Dedicated mobile app

Easy setup
Intuitive setup wizard which will guide you through the process step by step.

Current limit
You can change the charging current whenever you need it.

Remote control
Remotely start/stop the charging process.

PV integration settings
Charge based on your needs.

Schedule charging
Save money and stabilise the entire electricity grid. LEKTRI.CO helps you charge your car battery during low tariff hours by setting this in the mobile app.
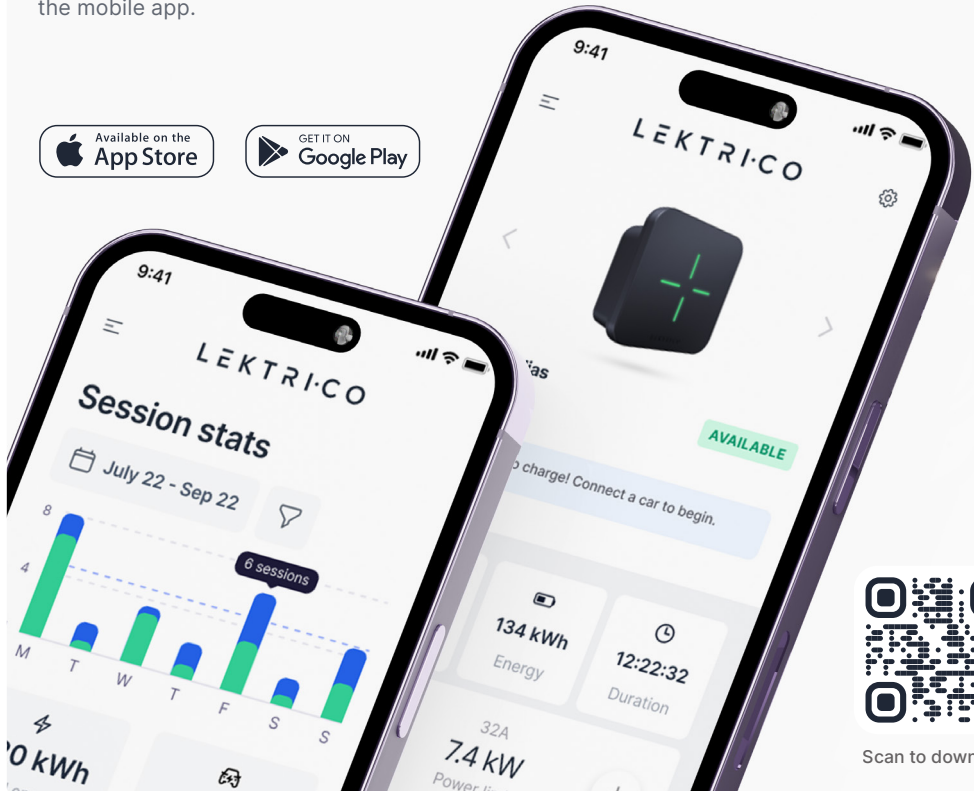
⚡ Power   ⚡ Hybrid   ⚡ Green

Available on the App Store

GET IT ON Google Play

Scan to download

HOME CHARGING

Home charging is the most convenient way of charging.
Truth is, we can all use a little less hassle. Charging at home is the easiest way for your EV to recharge at night and be ready for the day ahead.

PV Ready
Charge your EV for free and enjoy an environmentally friendly ride.

APARTMENT BLOCKS

If you live in a condo, we know that your options for charging might be limited.
That's where we come in. We can help you charge your car at home.

Smart Load Balancing
Our dynamic load balancing system allows your chargers to balance the load on the electrical system and EV charging, thereby keeping the total power consumption within the limit of the main breaker.
It also enables charging EVs using solar panels for a 100% green driving experience with zero carbon emissions.

COMMERCIAL BUILDINGS

Plug your business into the future of charging
Large parking lots, office buildings, and shopping malls can integrate our charging solution to serve their customers and employees as companies and individuals increasingly rely on EVs.

Flat Cable Installation
Flat Cable Installation means up to 80% material savings and up to 75% labor savings.
This is a modular system meaning adding more chargers involves simple modifications and additions.

Contact us: charger@lektri.co   www.lektri.co

The first EV charger with attached cable and shutters

N

L3

L1

L2