

LEKTRI·CO

CHARGE YOUR FUTURE

TRITM
DATASHEET



August 2024

www.lektri.co

Technical Data

FEATURES

Connectivity

Wi-Fi IEEE 802.11 b/g/n - 2.4GHz frequency

Bluetooth Low Energy

RFID - NFC

GSM - optional (*planned 2025)

Dedicated App - Local and remote management and control

Integrations

RESTful API and RPCs

API ready for 3rd party integrations and PV solutions

Smart Home Ready

Home Assistant, Amazon Alexa

CERTIFICATIONS

Standard

IEC 61851

Certifications



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

Operating Humidity

<95% r.H. (non-condensing)

Protection

IP55 (Protection from dust, splashing water. Outdoor use is possible)

IK10 (Resistance to pendulum shock: mass of 5kg, 40cm string)

Weight

3.6kg (cable included)

Dimensions

19cm x 19cm x 8.8cm

Dedicated mobile app

Easy setup

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

Remote control

Remotely start/stop the charging process.

Current limit

You can change the charging current whenever you need it.

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



Scan to download

TRI™ Standard

- 1.4 kW to 22 kW
- Wi-Fi IEEE 802.11 b/g/n - 2.4GHz frequency
- Bluetooth Low Energy
- RFID - NFC
- GSM - optional (*planned 2025)
- Dedicated App

TRI™ Standard + EM (Energy Management)

- 1.4 kW to 22 kW
- Wi-Fi IEEE 802.11 b/g/n - 2.4GHz frequency
- Bluetooth Low Energy
- RFID - NFC
- GSM - optional (*planned 2025)
- Dedicated App
- Energy Management

TRI™ Standard + Shutter

- 1.4 kW to 22 kW
- Wi-Fi IEEE 802.11 b/g/n - 2.4GHz frequency
- Bluetooth Low Energy
- RFID - NFC
- GSM - optional (*planned 2025)
- Dedicated App
- Type2 Connector with Shutters

TRI™ Standard + Shutter + EM

- 1.4 kW to 22 kW
- Wi-Fi IEEE 802.11 b/g/n - 2.4GHz frequency
- Bluetooth Low Energy
- RFID - NFC
- GSM - optional (*planned 2025)
- Dedicated App
- Energy Management
- Type2 Connector with Shutters

All versions are designed to fit perfectly in homes, apartment blocks or commercial buildings.

Contact us:

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www.lektri.co

L E K T R I · C O

The first EV charger with
attached cable and
shutters

