

LEKTRICO

CHARGE YOUR FUTURE



TP7K
DATASHEET

TECHNICAL DATA

FEATURES

Connectivity

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

Integrations

RESTful API and RPCs

API ready for 3rd party integrations and PV solutions

Smart Home Ready

HomeAssistant

ELECTRICAL

Charging mode

Mode3

Advanced charging control with communication between station and vehicle. Use of direct charging cable.

Socket outlet

Type2

Cable length

5m

Charging Power (kW)

up to 7.4kW

Single phase supply

Charging Current (A)

32Amax

One phase main supply

Adjustable charging current:

6-32 A

Manual or dynamic adjustment

Input supply:

230Vac | 50Hz - L, N, PE

CERTIFICATIONS

Standard

IEC 61851

Certifications



OCPP 1.6

1P7K is OCPP 1.6 standard compatible

SAFETY FEATURES

- Integrated 6mA DC (RDC-DD) and 30mA AC residual current (ground fault) detection.
- Over and under voltage detection
- Overheating protection - with derating protection algorithm
- Overcurrent protection

INSTALLATION

Dimensions

19cm x 19cm x 8.8cm

Weight

5kg

Cable included

Mounting

On Wall

Case fixed on wall

On Pillar

Case with integrated pillar

Operating Temperature

- 25 °C ... + 55 °C

Protection

IP54

Protection from dust, splashing water. Outdoor use is possible.

IK10

Resistance to pendulum shock: mass of 5kg, 40cm string.

DEDICATED MOBILE APP

Easy setup

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

Remote control

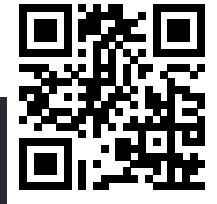
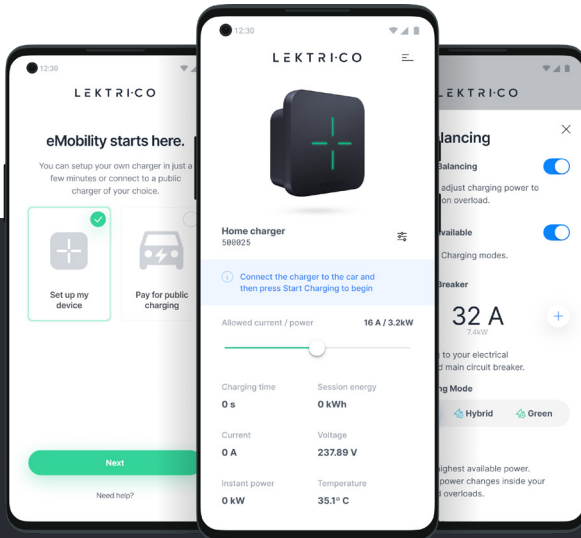
Remotely start/stop the charging process

Current limit

You can change the charging current whenever you need it

PV integration settings

PV integration settings - charge based on your needs



Scan to download



Home Charging

Home charging is the most convenient way of charging

Truth is, we can all use a little less hassle. Home charging 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

