LEKTRI·CO

1P7K

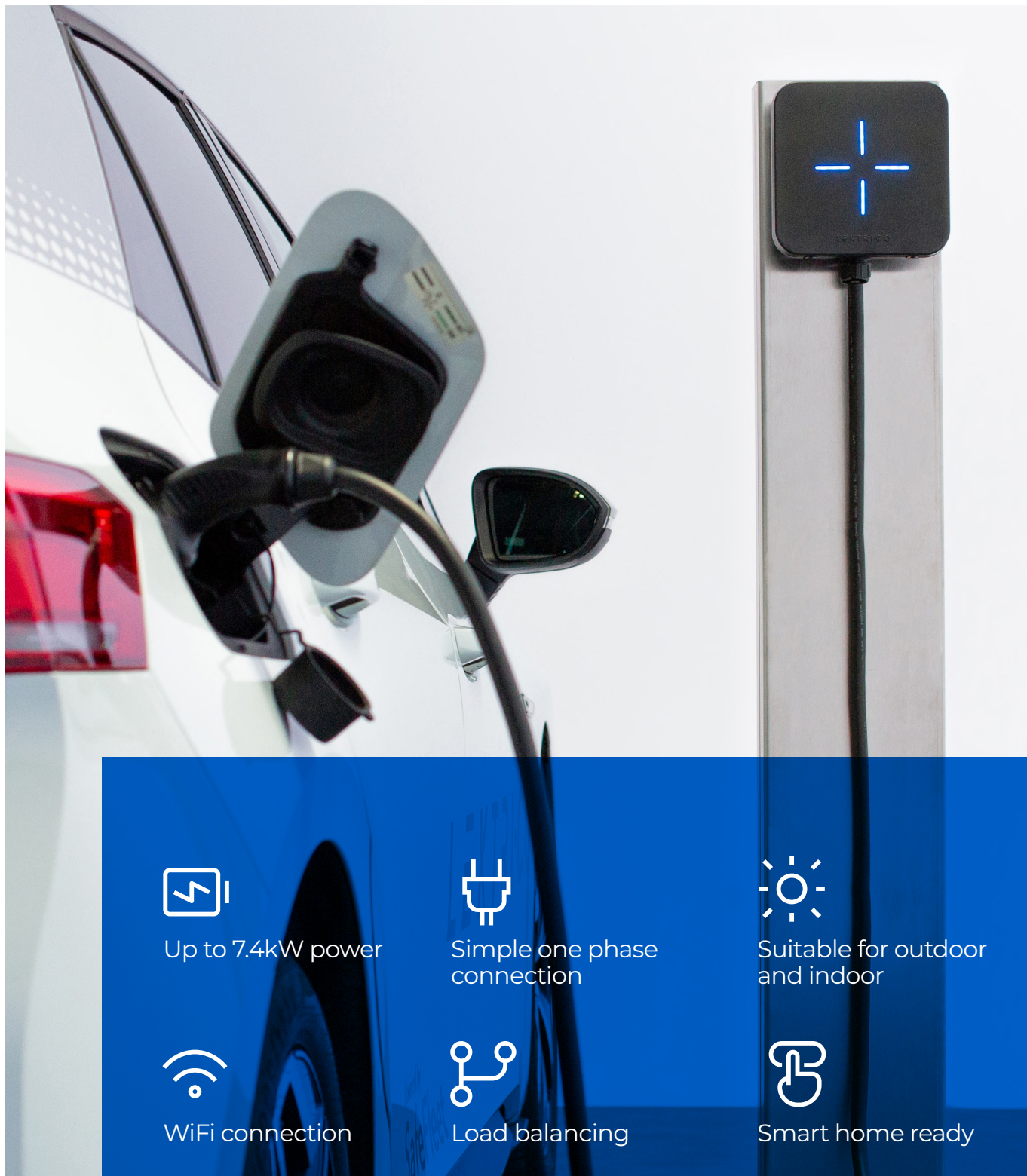**COMPACT. CONNECTED. SIMPLE.**

1P7K
DESIGN

01 ——— **WALL MOUNT**

02 ———— PILLAR MOUNT

Minimalist design by EOOS Design Austria.

WiFi connected.

Super easy installation.

Excellent user experience.

Intuitive LED interface.

Up to 7.4kW power

Simple one phase connection

Suitable for outdoor and indoor

WiFi connection

Load balancing

Smart home ready

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 integraions and PV solutions

Smart Home Ready
HomeAssistant, IFTTT, Google Home, Amazon Alexa and Apple HomeKit

CERTIFICATIONS

Standard
IEC 61851

Certifications

OCPP 1.6
1P7K is OCPP 1.6 standard compatible

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

Programmable charging current (max)
6-32 A
Software programmable remotely and dinamically

Power Inputs (ground)
L, N, PE

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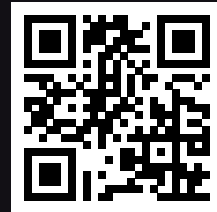*Protection from dust, splashing water. Outdoor use is possible.*

IK10
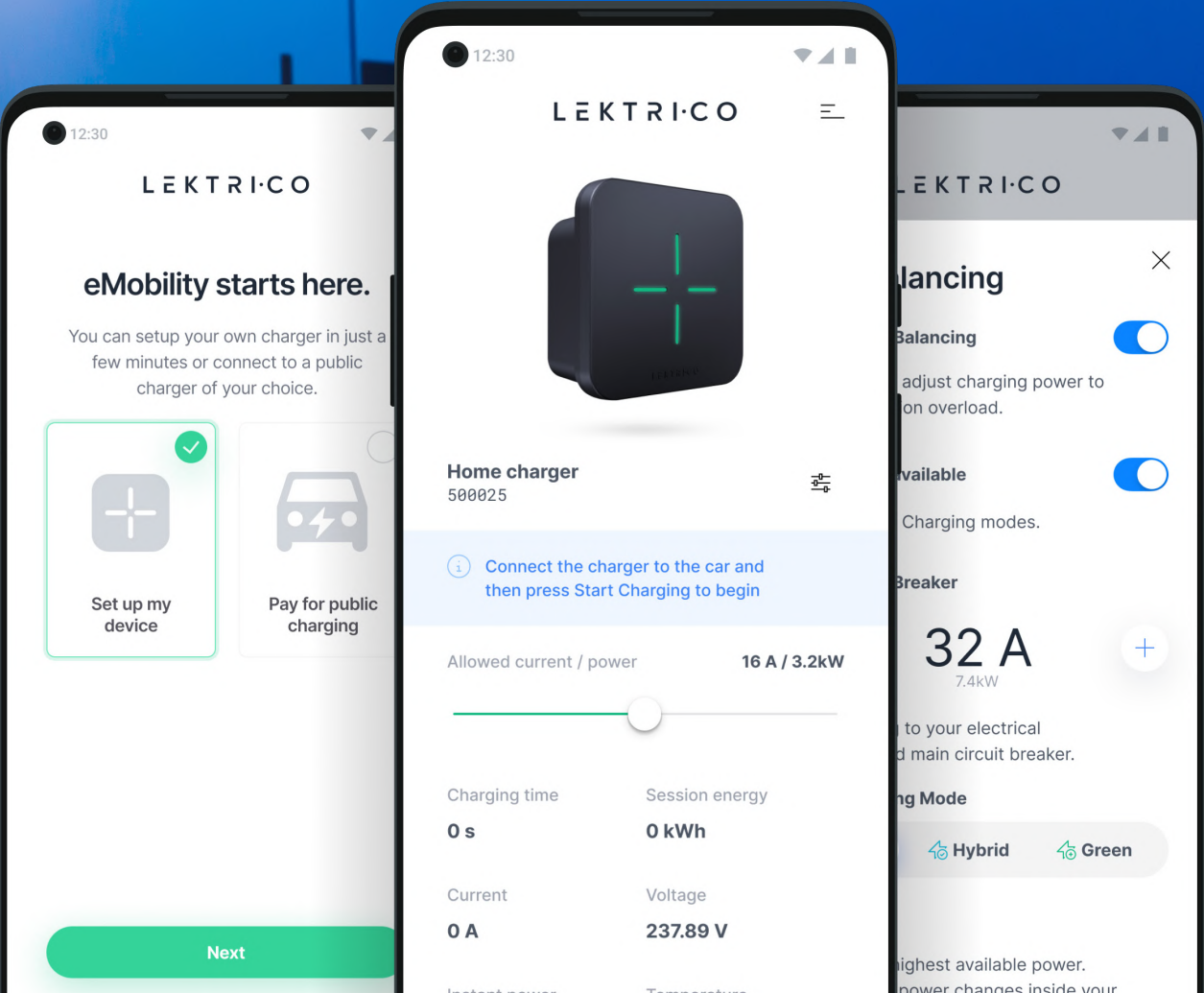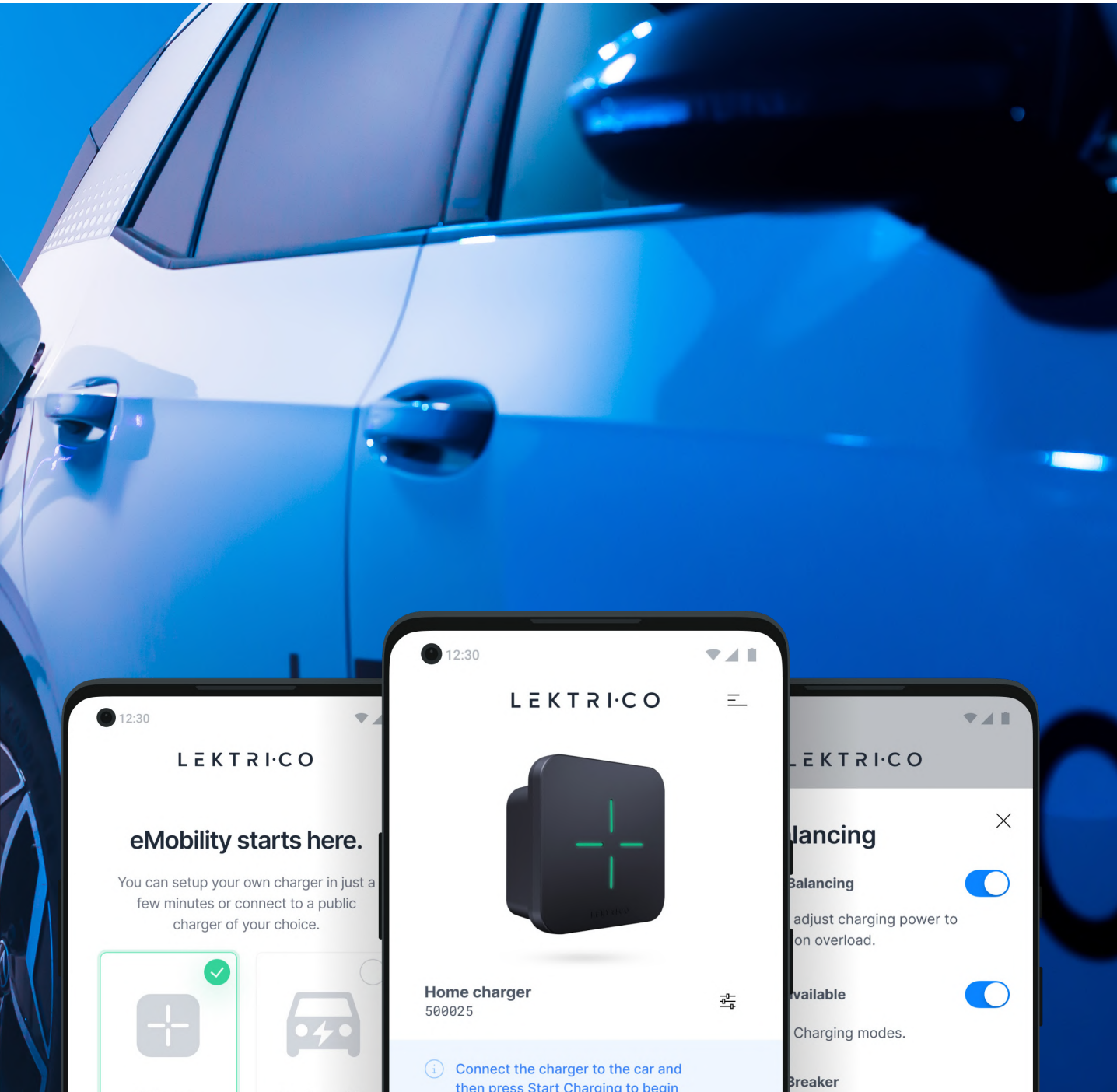*Resistance to pendulum shock: mass of 5kg, 40cm string.*

Dedicated mobile app

-|- Easy configuration

-|- Adjustable charging current

-|- Remote control

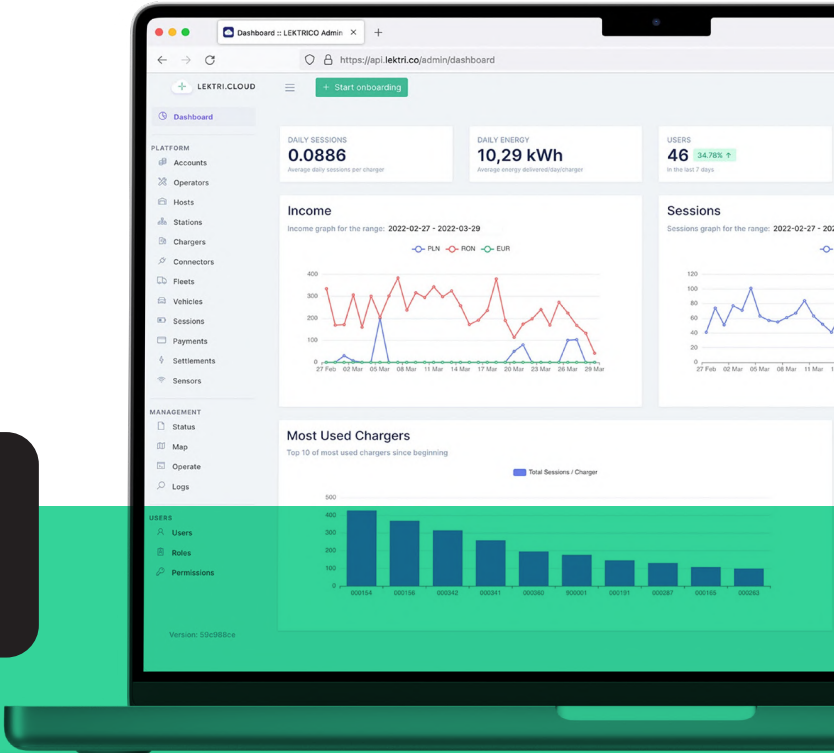-|- Smart load balancing

Scan to download

GET IT ON
Google Play

Available on the
App Store

eMobility starts here.

You can setup your own charger in just a
few minutes or connect to a public
charger of your choice.

Set up my
device

Pay for public
charging

Next

LEKTRI·CO

Home charger
500025

ⓘ Connect the charger to the car and
then press Start Charging to begin

Allowed current / power   **16 A / 3.2kW**

Charging time   Session energy

0 s   **0 kWh**

Current   Voltage

0 A   **237.89 V**

...lancing

...Balancing

...adjust charging power to
...on overload.

...vailable

...Charging modes.

...Breaker

32 A
7.4kW

...to your electrical
...d main circuit breaker.

...g Mode

Hybrid   Green

...ighest available power.
...power changes inside your

LEKTRI.CLOUD

Monetize your charger

——— Easy onboarding

——— Access

——— Finance

——— Management

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.

To get the most out of your photovoltaic system, you have the following options:

Power

Charge with the highest available power. Adjusts to any power changes within the building to avoid overload.

Hybrid

Charge with solar energy whenever available. Adjusts to available energy and continues charging even when it's not enough sunshine.

Green

Charge only using solar energy. Adjusts charging power to the amount of solar energy production. Pauses charging when there is not enough sunshine.

Apartment Block

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.

Scalable
Works for installations with a large number of chargers

Adaptable
Suitable for large parking lots, companies, and shopping malls.

Green
Ideal for buildings with PV systems or variable power availability.

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.

NEW FEATURES

SolKast

The charger predicts when solar panels generate the most electricity so you can charge your EV accordingly.

BatterySense

Secure connection with the car so you can receive SoC information directly in the LEKTRI.CO mobile app.

Let's work together! Why?

01.

Good discounts on volumes

02.

Premium Quality & Design

CONTACT US

+40 256 294 608

sales@lektri.co

https://lektri.co

03.

Dedicated support team

04.

Warranty and money back guarantee

LEKTRI·CO