

Charging solutions for solar power

KeContact P40 / P40 Pro

Optimised PV charging now even easier



The KeContact P40 / P40 Pro from KEBA is the perfect solution for everyone who wants to charge their electric vehicle easily and climate-neutrally with self-generated power from their own photovoltaic system.

Optimised excess PV charging

The KeContact P40 / P40 Pro is designed to optimise the use of self-generated solar power for your own electric vehicle. Primarily, the house is supplied with energy from the domestic PV system, then the electric car. PV power is only fed into the grid when these consumers no longer need it. Because the feed-in tariff is usually significantly lower than the cost of electricity from the grid, you save a lot of money this way – and the payback period of the PV system can be noticeably reduced. It is also good to know that a larger part of one's mobility can be met sustainably with self-generated electricity.

Thanks to the integrated phase switching, the electric car is charged from a low PV surplus. The result is dynamic, smart control. The difference between the current domestic demand and the current PV power is always made available in full to the electric car.

The experience of a wallbox pioneer

With over 500,000 sold charging stations and more than 10 years of experience in the field of eMobility, KEBA is one of the worldwide leading manufacturers of wallboxes. Our product portfolio, developed and manufactured in Austria, impresses with its robustness and reliability, but also with its technical sophistication. This is how KEBA provides the right solution for every requirement.



Works with all
KeContact P40 / P40 Pro wallboxes

The advantages at a glance

- // Maximum excess PV charging through communication with an external energy meter and dynamic control
- // Automatic control for completely hassle-free use
- // Reduction in the payback period of the PV system due to a reduction in the grid power needed to charge the electric car
- // No investment in an additional energy management system necessary
- // Tracking and control of the charging processes via KEBA eMobility App or KEBA eMobility Portal is possible
- // More independence and climate friendliness through the maximized use of self-generated electricity for your own mobility
- // CO₂ optimised produced in Austria

KeContact P40 / P40 Pro

Charging with solar & grid power

Reduce costs and charge reliably

- // Dynamic control of the charging power according to the energy provided by the PV system.
- // Thanks to the integrated phase switching device, the electric car can be charged with pure PV power even with a small surplus (1.4 kW).
- // If the excess PV is too small to only charge with your own solar power, it can still be used – the missing energy comes from the grid.
- // There is a boost function so that the electric vehicle can be charged quickly with grid and solar power if necessary. It can be activated via the touch button or in the KEBA eMobility app. The vehicle is then charged with the maximum available power.
- // Works together with the KeContact E10 Smart Energy Meter or one of the compatible external energy meters.
- // Thanks to the Smart Charging symbol (leaf), the current wallbox status is visible at all times.
- // Works independently of existing inverters.

KeContact E10

This smart energy meter measures the power consumption of all consumers in the household and enables the KeControl P40 / P40 Pro to control the charging power respectively. It impresses with its compact design, connectivity through standard interfaces and easy installation and commissioning.

Article no. 126 807

Smart Energy
Meter Basic (1 phase)
Not available in D-A-CH.

Article no. 126 804

Smart Energy
Meter Basic (3 phase)



Supported external energy meters

In addition to the KeContact E10 and all meters already listed as compatible by KEBA, excess PV charging can also be used in combination with a Fronius Symo Gen24 inverter, provided a corresponding smart meter (Fronius Smart Meter TS 65A) is installed at the house connection. The list of compatible meters and directly connected inverters is, of course, continually being updated.

