Charging solutions for solar power

KeContact P30 PV EDITION

The wallbox solution for efficient excess PV charging

The KeContact P30 PV EDITION 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 P30 PV EDITION 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.

The so-called optimised excess PV charging is made possible by the constant communication between an energy meter on the house connection and the wallbox. The result is a dynamic, smart control. The difference between the current household demand and the current PV power is thus always made available in its entirety 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.

Available in three variants

KEBA offers the KeContact P30 PV EDITION in three versions: with a cable, socket or shutter. There are a KEBA energy meter KeContact E10 and a KEBA phase switch KeContact S10 for both three-phase and single-phase charging, e.g. when the PV power is low due to the weather.

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 webinterface is possible
// More independence and climate friendliness through the maximized use of self-generated electricity for your own mobility
// Manufactured in Austria
// 4-Year guarantee

www.keba.com/emobility

KEBA
Automation by innovation.

KeContact P30 PV EDITION

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.
// The excess PV share of the minimum charging power can be set individually from 0-100 % – this optimises self-consumption even with low PV power.
// 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 enabled in the KEBA eMobility App or the webinterface. The vehicle then can be charged with the maximum available power.
// Works together with the KeContact E10 Smart Energy Meter or one of the compatible external energy meters.*
// KeContact S10 Phase Switching Device switches between three-phase and single-phase charging, depending on the current power of the PV system.
// Works independently of existing inverters.

Available in a set with smart meter and phase switch

KEBA offers the **KeContact P30 PV EDITION** in three versions: with cable, socket or shutter. To complete the range, we also offer the KEBA energy meter and the KEBA phase changeover switch for both three-phase and single-phase charging, e.g. for weather-related low PV power. In order to be able to charge charging current to the employer as a company car user, you can also use one of our measurement and calibration law-compliant (ME) or MID-certified wallboxes in the cable version or with a shutter for PV surplus charging.

KeContact E10

This smart energy meter measures the power consumption of all consumers in the household and enables the P30 to control the charging power respectively.
It impresses with its compact design, connectivity through standard interfaces and easy installation and commissioning.

KeContact S10

Depending on the power available, the phase switch is able to switch between 3-phase and 1-phase charging, thus maximizing self-use of the self-generated PV power.

* 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.

Product description	Charging power [A] adjustable	Max. charging power	Energy meter	MID certified	ME conform	WLAN	RFID	Article no.
Photovoltaic Wallbox Socket - PV EDITION	10, 13, 16, 20, 25, 32	up to 22 kW	●			●		127 734
Photovoltaic Wallbox Shutter - PV EDITION	10, 13, 16, 20, 25, 32	up to 22 kW	●			●		127 735
Photovoltaic Wallbox Cable - PV EDITION	10,13,16	up to 22 kW	●			●		127 736

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