



The next generation  
wallbox



**KeContact P30 –**  
Charges more intelligently than ever before.

**KEBA®**

Automation by innovation.

A woman with long blonde hair, wearing a light blue button-down shirt and dark jeans, is smiling and looking upwards. She is holding a black and white electric car charging cable. The background consists of lush green trees under a bright sky. A solid green horizontal bar is positioned below the trees, containing the text 'Shaping a sustainable future.'

Shaping a sustainable future.

## With intelligent charging infrastructure solutions

Energy will be a key resource. More and more households are relying on renewable energy and now the use of electric vehicles is gaining pace. E-mobility is no longer something for the future but thanks to the continuously increasing number of new models from the major car manufacturers has finally become a thing of the present.

In order for e-mobility to be introduced in the long term, a network of requirement-orientated and intelligent charging infrastructure is needed.

We at KEBA are convinced: Only if charging infrastructure is easy and convenient to use and offers options for networking with alternative energy, e-mobility will be successful.



### One that can do it all

Therefore, KEBA's e-mobility solution is more than „just“ a charging station. We have made it intelligent and equipped it with countless features and communication standards. So you can not only charge, but also control, communicate and network. And precisely that provides everyone who comes into contact with e-mobility many advantages - regardless of whether they are an energy supplier, fleet operator or E-car owner.

### Experience is worth its weight in gold

We have succeeded because we have bundled our substantial knowledge in electronics manufacturing with years of experience in automation construction. And already since 2009, charging infrastructure for e-mobility has been an integral part of KEBA's product and services range. Moreover, our expertise in safety technology and in the area of payment solutions constantly influences development which makes it possible to fulfill the various demands of e-mobility at charging infrastructure.

Immerse yourself in the world  
**of intelligent charging infrastructure solutions from KEBA!**



When we started to develop intelligent charging infrastructure, we quickly realized that charging will take place where the electric car is parked. Our course of action was therefore clear: a change from charging columns exclusively for the public sector to a versatile charging station for the public, semi-public and private sector. Today, KeContact P30 is the third generation of wallboxes from KEBA that offers new application possibilities thanks to state-of-the-art communication standards and features.

## New application possibilities thanks to innovative features:



### Public and semi-public sector

KeContact P30 can easily be connected to a central system via OCPP 1.5 and 2.0. This is of particular interest for monitoring, billing or load management in the public and semi-public sector.

Local load management enables the reduction of power peaks, thereby smoothing the curves of the energy obtained. In this regard, KeContact P30 acts as a central control unit for further charging points. This results in the maximum use of charging capacity, lasting cost cuts and optimized resource consumption.

Charged kilowatt hours in the public and semi-public sector can also be easily calculated thanks to a fully-integrated, MID-certified energy meter\*.

\* available in 2017



# Our best wallbox – conceptually a step ahead.



## Private sector



The wallbox can be controlled easily and status information can be retrieved via user data protocol (UDP) in the smart home. For example, the maximum permissible amount of electrical charge for an electric vehicle can be regulated based on a photovoltaic system, battery storage unit or heat pump.

External meter data can easily be read out via Modbus protocol so that the charging operations of the electric vehicle can be controlled depending on the house power grid. Thanks to KeContact P30, persons with company vehicles can easily reimburse the costs for the energy charged at home at their employer or the leasing company.





## SAFETY AND AVAILABILITY



### Wallboxes made in Austria

We deliver hardware and software solutions coordinated with our customers from a single source with our own production facilities in Linz. Our products are regularly tested in the KEBA internal test lab with the latest electric vehicles so that everything runs smoothly in real-time operation.

### Always available and simply safe

Availability also plays an important role in e-mobility. Who wants to find an electric vehicle which isn't fully charged? And so we are doing everything possible to keep availability at a consistently high level.

This is achieved thanks to a combination of unique features, for example **temperature derating**, an **integrated multirating device** (current, voltage and energy) for power monitoring or the **auto-recovery function** which also guarantees safe operation.

KeContact P30 also includes **DC leakage detection**, which eliminates the need for an expensive upstream RCD type B.



# More than just charging. With safety, flexibility and connectivity.

## FLEXIBILITY



### Variant diversity

KeContact P30 is flexible so that it is suitable for any requirement. Four different basic versions, four equipment series and numerous options and features cover all needs with just one power charging station. There are also different installation options (on the wall, as a vertical column, for one or two charging stations), so that nothing is left to be desired.

### One product for all

With only one core product in different versions, variants and equipment series, KeContact P30 can cover all electric vehicles, application cases, areas of use and markets. This makes our wallbox particularly, but not exclusively, interesting to internationally operating car companies.

## CONNECTIVITY



### The wallbox as a communication center

The networking of the power charging station, its integration into the smart home or in back-end systems and the linking of photovoltaic systems is what makes our KeContact P30 wallbox of particular interest for the future. The power charging station is a communication center for intelligently controlled charging.

And thanks to diverse communication interfaces (USB, LAN, WLAN, GSM), KeContact P30 can be integrated into existing backends, central systems and smart homes.

**They lay the foundations for monitoring, control, intelligent load management, billing arrangements and complex regulation of the electric vehicle depending on other consumers. Simply intelligent!**

# Fit for the future with KEBA.

KEBA AG was founded in 1968 and is an internationally successful electronics company headquartered in Linz (Austria) with branch offices worldwide. In line with its credo, "Automation by innovation" KEBA has been developing and producing inventive, top quality automation solutions for 45 years for industrial, banking, services and energy automation branches.

Indeed, as a result of competence, experience and courage, KEBA is the technology and innovation leader in its market segments. Extensive development and production expertise have proved a recipe for highest quality.

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The logo consists of the letters 'KEBA' in a bold, sans-serif font. The 'K' and 'E' are green, while the 'B' and 'A' are dark blue. A registered trademark symbol (®) is located at the top right of the 'A'.

Automation by innovation.