# KeContact P30
## The next generation wallbox

## KeContact P30 – charges more intelligently than ever before

Many can recharge with electricity. At KEBA, we are convinced that true green mobility requires more than that. That's why our latest KeContact P30 wallbox – incidentally the third generation of wallboxes from KEBA – is one that can do it all. For more possibilities, connectivity and more electric mobility.

### One product for all
With only one product in different versions, variants and equipment series, we can cover all electric vehicles and plug-in hybrids, use cases and markets worldwide.

### Safety when charging
KeContact P30 also includes an integrated onboard DC leakage detector, which eliminates the need for an expensive upstream RCD type B.

### New application possibilities
KeContact P30 offers new application possibilities thanks to state-of-the-art communication standards and 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, load management or the billing of energy in the public and semi-public sector.

Kilowatt hours in the public and semi-public sector can be easily calculated thanks to a fully-integrated, MID-certified current, voltage, wattage and energy meter* including display.

### • Private sector
The wallbox can be controlled easily and status information can be retrieved via user data protocol (UDP) in the smart home.

* available in 2017

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.

### Communication interfaces
Thanks to various communication interfaces, KeContact P30 can be connected into existing central systems and smart homes:

- USB for firmware updates or log file downloads without a PC or notebook
- Ethernet RJ45 for firmware updates or log file downloads via PC or notebook
- Ethernet LSA+ for connecting external meters via Modbus and for a permanent communications link to OCPP back-end, Smart Home Server or additional KeContact P30
- GSM for the connection to an OCPP central system
- WLAN* for the wireless integration of wallboxes in an existing network and/or the communication with additional wallboxes for local load management

## KEBA®
### Automation by innovation.

# KeContact P30 – Equipment series

KeContact P30 is available in four different equipment series. The series are built upon each other, which means that, when purchasing a higher value system, you also receive the features listed for the lower value system. The **e-series** is the entry-level variant of the KeContact P30 for easy, cost-optimized charging. KeContact P30 **b-series** offers a large degree of custom branding possibilities, local identification possibilities and 22kW fast charging. The KeContact P30 **c-series** is a communication interface for intelligently controlled charging and smart home applications. Creating comprehensive e-mobility solutions such as local load management requires the **x-series**. This means you will always find the appropriate charging station for your needs!

## Four equipment series for your needs:

| e-series | b-series | c-series | x-series |
|---|---|---|---|
| | | | GSM for wireless communication to OCPP backend |
| | | WLAN communication as a slave* | WLAN communication as a master* |
| | | Local load management as a slave | Local load management as a master |
| | | OCPP communication as a slave | OCPP communication as a master |
| | | Slave for Master/Slave communication | Master for Master/Slave communication |
| | | UDP interface (smart home automation) | UDP interface (smart home automation) |
| | | Communication to external energy meter via modbus | Communication to external energy meter via modbus* |
| | | Ethernet interface for permanent installation (LSA+) | Ethernet interface for permanent installation (LSA+) |
| | | Metering (MID certified*) for billing purposes | Metering (MID certified*) for billing purposes |
| | Authentication (RFID, Key) | Authentication (RFID, Key) | Authentication (RFID, Key) |
| | Enable input / Switch output | Enable input / Switch output | Enable input / Switch output |
| | Multirating | Multirating | Multirating |
| | DC leakage detection | DC leakage detection | DC leakage detection |
| | Customizing / branding | Customizing / branding | Customizing / branding |
| Ethernet interface (RJ45) | Ethernet interface (RJ45) | Ethernet interface (RJ45) | Ethernet interface (RJ45) |
| USB interface | USB interface | USB interface | USB interface |
| **e-series** | **b-series** | **c-series** | **x-series** |
| Single phase up to 20A (4.6kW) | Three phase up to 32A (22kW) | Three phase up to 32A (22kW) | Three phase up to 32A (22kW) |
| CE marking | VDE certified | VDE certified | VDE certified |

**\* available in 2017**

Sales partner

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