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 features internal DC leakage detection, which makes an expensive upstream FI type B obsolete.

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. 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. 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 using the Modbus TCP protocol. As a result, the charging station is capable of automatically regulating the charging processes of the electric vehicle (e.g. charge depending on house connection).

Thanks to the integrated energy meter of the KeContact P30, people with company vehicles can bill their company or leasing company for the energy they use to charge at home.

Communication interfaces
KeContact P30 supports different communication interfaces for a wide range of applications:

- 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 TCP and for a permanent communications link to OCPP backend, Smart Home Server or additional KeContact P30
- GSM for the connection to an OCPP central system
- WLAN for an easy access to the configuration and for the wireless integration of wallboxes in an existing network

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 version of the KeContact P30 and offers simple, cost-effective charging with a capacity of up to 7.4 kW. The KeContact P30 **b-series** offers a high degree of branding customization, the ability to set user permissions and a charging capacity of up to 22 kW for faster charging. The KeContact P30 **c-series** features MID-certified, intelligent charging and smart home integration. Comprehensive e-mobility solutions such as local load management can be effectively deployed using the **x-series** as a communications hub.

Four equipment series for your needs:

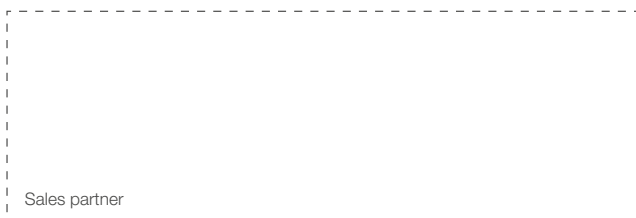| e-series	b-series	c-series	x-series
			WLAN communication for the wireless integration of wallboxes in an existing network***
			GSM (3G) for wireless communication to OCPP backend*
			Communication to external energy meter via modbus TCP
		Local load management as a slave	Local load management as 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)
		Ethernet interface for permanent installation (LSA+)	Ethernet interface for permanent installation (LSA+)
		Metering (MID certified*) for billing purposes	Metering (MID certified*) for billing purposes
	Power monitoring	Power monitoring	Power monitoring
	Authorization (RFID, Key)*	Authorization (RFID)*	Authorization (RFID)*
	Enable input / Switch output	Enable input / Switch output	Enable input / Switch output
	Customizing / branding**	Customizing / branding**	Customizing / branding**
DC leakage detection	DC leakage detection	DC leakage detection	DC leakage detection
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 32A (7,4kW)	Three phase up to 32A (22kW)	Three phase up to 32A (22kW)	Three phase up to 32A (22kW)

* Optional
** Quantity-dependent
*** Standard, excluding MID variants

Sales partner

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