



Keba wallbox x-series

Green Edition

Data sheet



Made in Austria

Basic information

Specifications

Socket/cable:	Type 2 standard socket: 32 A / 400 V AC in accordance with EN 62196-1 and VDE-AR-E 2623-2-2 (FR: with shutter) Type 2 cable: up to 32 A / 400 V AC in accordance with EN 62196-1 and VDE-AR-E 2623-2-2
Output:	4.6 kW / 7.4 kW / 11 kW / 22 kW
Energy meter (LED display):	Yes
Current monitoring:	Depending on the charging cable sizing
UDP:	Yes
Color variants:	RAL 7004 (signal gray) / RAL 7016 (anthracite gray)

General

Charge mode:	Mode 3 in accordance with IEC 61851-1 AC charging
Overvoltage category:	III in accordance with EN 60664
Protection class:	I
Protection class:	IP54
Protection against mechanical impact:	IK08 (except for cylinder lock)
Rated short-time withstand current:	< 10 kA effective value in accordance with EN 61439-1)
Residual direct current detecting device (RDC-DD):	> 6 mA (characteristic in accordance with IEC 62955, < 10 s)
Ventilation during charging:	Not supported

Power supply

Rated supply voltage (Europe):	3 x 230 V / 400 V
Internal consumption:	Idling: 4 W, plugged in: 5 W, charging: 7 W
Rated current (configurable):	10A / 13A / 16A / 20A / 25A / 32A 1-phase or 3-phase
Line frequency:	50 Hz
Mains forms:	TT / TN / IT



Supply terminals

Type:	Spring-type terminal
Cable feed:	Top (surface), back side (flush)
Connection cross-section of the supply:	Minimum cross-section (depending on the cable and the type of installation)
» 16 A rated current:	5 x 2.5 mm ²
» 32 A nominal current:	5 x 6.0 mm ²

Cross section: Querschnitt:

» Rigid / flexible:	0.2–16 mm ²
» Flexible with wire end sleeve with/ without plastic sleeve:	0.25–10 mm ²
American Wire Gauge (AWG):	24–6
Stripping length:	12 mm
Temperature rating:	105 °C

Ambient conditions

Use:	Inside and outside area
Access limitations at set-up location:	Limited and unlimited access
Installation (stationary):	On the wall or on a floor-mounted column

Operating temperature:

16 A:	–25 °C to +50 °C (without direct sunlight)
32 A:	–25 °C to +40 °C (without direct sunlight)
Storage temperature:	–25 °C to +80 °C
Relative air humidity:	5 % to 95 % non condensing
Altitude:	max. 2,000 m above sea level
Rate of temperature change:	max. 0.5 °C/min
Temperature behavior:	Automatic power reduction if overheating occurs

Interfaces

Ethernet interface

Ethernet1:	LSA+® terminals
Data transfer rate:	10 / 100 / 1,000 Mbit/s
Ethernet2:	RJ45 (for Debug)

USB interface

Typ:	A, USB 2.0 (Hi-Speed)
Max. output power:	500 mA



Enable input

Type of terminal:	Spring-type terminal
Cross section:	0.08–4 mm ²
American Wire Gauge (AWG):	28–12
Stripping length:	8 mm

Switch contact output

Type:	External safety extra-low voltage, < 50 V AC, 50 / 60 Hz
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Options

4G/LTE mobile network communication

Supported bands:	4G with fallback to 3G / 2G » LTE (4G) Bands: 1, 3, 8, 20, 28 » UMTS / HSPA+ (3G) Bands: 1, 8 » GSM / GPRS / Edge (2G) Dual-band
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Max. data rate:	LTE CAT 1 Download: 10.2 MBit/s* Upload: 5.2 MBit/s* *Depends on external influences
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SIM card	SIM card with 4G authentication Size: Mini-Sim (2FF)
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RFID card

Type:	DKV Card + Charge (Climate) / Partner Card
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WLAN/Wifi

Type:	IEEE 802.11 b,g,n, 2.4 GHz
Supported modes:	AP Ad-hoc-Mode, Client Mode

Certifications*

CE Declaration of Conformity :	Yes
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*Information about the certifications can be downloaded from the KEBA website:
www.keba.com/emobility-downloads



Product Specific Information

KEBA wallbox P30 x-series Calibration law compliant (Eichrecht)

Product variant	P30 x-series ME	P30 x-series ME Cable
Tech. product designation	x-series EN Type 2 socket 22 kW-WLAN / 4G-RFID-ME	x-series EN Type 2-6 m cable 22 kW-WLAN / 4G-RFID-ME
Available in	Austria, Germany	Austria, Germany
Calibration law compliant (Eichrecht)	Yes	Yes
MID	No	No
height/width/depth	516 mm / 240 mm / 166 mm	643 mm / 240 mm / 142 mm
weight	approx. 4.8-5 kg (variant dependent)	approx. 5.3-7.8 kg (variant dependent)

KEBA wallbox P30 x-series MID- compliant

Product variant	P30 x-series MID	P30 x-series MID Cable	P30 x-series MID + Shutter
Tech. product designation	x-series EN Type 2 socket 22 kW-WLAN / 4G-RFID-MID	x-series EN Type 2-6 m cable 22 kW-WLAN / 4G-RFID-MID	x-series EN Type 2 socket + shutter 22 kW-WLAN / 4G-RFID-MID
Available in	Belgium, Netherlands	Belgium, Netherlands	France
Calibration law compliant (Eichrecht)	No	No	No
MID	Yes » accuracy class: class B (according to EN 50470-1 / -3)	Yes » accuracy class: class B (according to EN 50470-1 / -3)	Yes » accuracy class: class B (according to EN 50470-1 / -3)
height/width/depth	516 mm / 240 mm / 166 mm	643 mm / 240 mm / 142 mm	516 mm / 240 mm / 166 mm
weight	approx. 4.8-5 kg (variant dependent)	approx. 5.3-7.8 kg (variant dependent)	approx. 4.8-5 kg (variant dependent)