

Technical data

KeContact DCS10

DC charging station with direct payment



Design (standard)



Colors (standard)

Housing:	Traffic white (RAL 9016)
Base:	Anthracite grey (RAL 7016)
Charging cable:	Deep black (RAL 9005)

Customer-specific customization options

Housing:	Primary color and foiling
Display:	Background, logos and colors
Screensaver / advertisements:	Yes

Product specifications

Power variants:	Corresponding to KeContact DCU10 Power Unit
Integrated energy meter:	Functional, optionally MID/MessEV certified with display
Connection of an external energy meter:	No
Current monitoring:	No
Insulation monitoring:	Yes

Communication

Backend communication protocol:	OCPP 1.6
Local communication protocol:	Modbus TCP ISO 15118 ready*
Operator portal:	Location-independent self-administration via online access

*)...Plug & Charge will be made available with a later software update.

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General

Charge mode:	Mode 4 in accordance with EN 61851
Protection class:	I
Protection type:	IP54

Supply of the control (AC input)

Input voltage:	230 V _{AC} (for control)
Nominal supply voltage:	230 V _{AC}
Nominal current:	1 A
Nominal line frequency:	50 Hz
Power factor:	0,8
Nominal power:	0,2 kW
Cable feed:	Bottom side

Charging cable (DC output)

Nominal voltage:	1000 V _{DC}
Nominal current peak (max. charging current):	500 A
Nominal power (maximum)	500 kW
Charging plug:	CCS Combo-2
Outputs (DC):	2
Charge points:	2
Number of charging cables:	2
Charging cable with liquid cooling:	Optional
Simultaneous charging of multiple vehicles:	Yes
Cable length (outside device up to and including entire plug):	<ul style="list-style-type: none">• 3 m (without cable management)• 5 m (with cable management)

Ambient conditions

Application:	Inside and outside area
Installation:	Stationary
Humidity (relative):	5% - 95% (non-condensing)
Temperature range (without direct sunlight):	-25 °C to +45 °C (operation, storage, transport)
Altitude:	max. 2.000 m above sea level
Temperature behavior:	Automatic charging current reduction in case of overtemperature

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Equipment depending on version

Display:	Yes
Display size (inches):	15,6"
Operation:	Keys
Barrier-free:	Optional
Status display (charging status for users):	<ul style="list-style-type: none">• Status LED on the column• via 15.6" display• via online access
Energy meter (MID):	Optional

Authentication functions

NFC reader:	Optional
Authentication of the charging process:	RFID, OCPP, vehicle ID (static MAC address), free-charge

Payment functions

Direct payment:	Optional
Payment options:	<ul style="list-style-type: none">• RFID card• Credit/debit cards (Mastercard, VISA), Girocard/ATM (depending on acquiring bank)• Mobile payment (Google Pay / Apple Pay)
Payment terminal hardware (manufacturer and configuration):	<ul style="list-style-type: none">• Worldline VALINA (EU 27)• CastlesTech S1U2 (AT via PayOne, EU via Six Payments) from Q3/2025• Verifone UX700 (DE via PayOne) from Q3/2025

Internal protective functions

Safety line:	Yes
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Material, dimensions and weight

Housing material:	Stainless steel 1.4301 (AISI 304), powder-coated
Height / width / depth:	1.865 mm / 450 mm / 500 mm (without plug holder, without cable management)
Packaging dimensions (H / W / D):	2100 mm / 1300 mm / 800 mm
Net weight (without packaging, depending on equipment):	Max. 210 kg
Gross weight (with packaging, depending on equipment):	Max. 300 kg
Installation type:	Floor mounting on concrete or plastic foundation (sold separately)

Standards and certifications

Proven to meet the following guidelines (test reports are available):

- Low Voltage Directive (2014/35/EU)
- EMC Directive (2014/30/EU)

Meets generic standards:

IEC 61851-1: Yes

IEC 61851-23: Yes

IEC 61851-21-2:2018: Yes

DIN SPEC 70121:2014: Yes

DIN EN ISO 15118-1/2: Yes

German calibration law: Nein

Austrian calibration law: Yes, individual acceptance

IEC 62196-3: Yes, via charging cable manufacturer

Product key

KC-DCS10-ABCD-EFGH / Form designation system

KC-DCS10

... Device series

A *Charging cable*

1 ... CCS2 / 250A / 3,1 m
 2 ... CCS2 / 250A / 5,2 m (cable management)
 3 ... CCS2 / 400A / 3,1 m
 4 ... CCS2 / 400A / 5,2 m (cable management)
 5 ... CCS2 / 500A / 3,1 m cooled
 6 ... CCS2 / 500A / 5,2 m cooled (cable management)

B *Energy metering*

1 ... German calibration law
 2 ... MID/calibrated meter
 3 ... uncalibrated operating measurement

C *Payment*

1 ... EU/Six RFID/NFC
 2 ... DE/Payone RFID/NFC
 3 ... AT/Payone RFID/NFC
 4 ... RFID/NFC Backend operation

D *External charge points*

0 ... without
 1 ... up to 7 KEBA KeContact charge points
 2 ... up to 12 KEBA KeContact charge points

E *Barrier-free*

0 ... without
 1 ... with barrier-free

F *Future options*

0 ... not equipped

G *Future options*

0 ... not equipped

H *Customizing*

C ... COL - Color customized
P ... PRE - Predefined special options
S ... STD - No customizing
O ... SON - Special options

Notes

This data sheet lists various options. The actual design depends on the variant.

Downloads

