



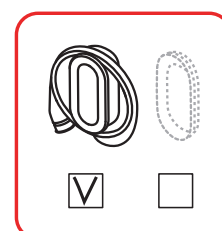
Wall bracket not included

DEFA Power Up™

Item.no: 715002

Item name: DEFA Power Up w/6 meter charging cable

Charging Unit ideal for system installations



DEFA Power UpTM

Charging unit with display, integrated cable, and mobile network included. Click on the prepared wall bracket to complete DEFA Power S charge point.

The ideal solution for system installations, with the new generation EV charger. DEFA Power S offers the optimal user experience with the 6-meter integrated charging cable and display. The intuitive display is improving the user experience as well as giving the facility owner/operator the opportunity for secure payment. To complete your DEFA Power S charging station, remove the cover on the wall bracket and click and connect the DEFA Power Up charging unit to the prepared wall bracket.

DEFA Power S - a new generation system charging.

User experience

Intuitive high-quality display with step-by-step charging experience. Robust 6-meter Type 2 charging cable for convenient handling and use. Mobile network included.

Optimized and reliable use of available power

DEFA Power S is designed to provide the fastest possible charging without derating, and utilizing all available power in the facility.

Smart charging with operator

Check with the (CPO) Charge point operator what opportunities there are for smart charging with app.



*A wall bracket is prepared for DEFA Power Up.
Remove the protective cover and click on the charging unit*



Easy installation

When you have a prepared wall bracket in the facility, it is easy to click and connect the DEFA Power Up to the wall bracket.

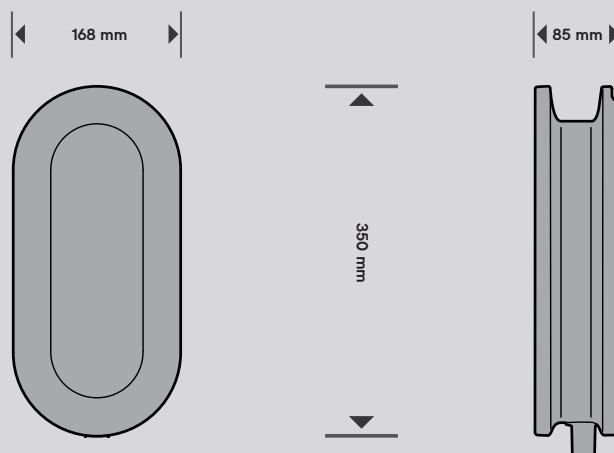
Certified compliance and accuracy

DEFA Power S ensures accurate and tamper-proof energy measurement, meeting MID and Eichrecht regulations as a MID-certified standalone measuring device - fully compliant with local and international standards.

*DEFA Power Up charging unit is connected
and DEFA Power S is ready to use*

Specification

Dimension*:



General*:

Product name: DEFA Power Up
Item number: 715002
EAN: 7042287150026
Dimension (mm): L: 350 x W: 168 x D: 85
Weight unit: 2,5 kg
Weight cable: 3,5 kg
Operating temperature¹: -30°C to +40°C
Storage temperature: -50°C to +85°C
Material charging unit: Polycarbonate

Charging:

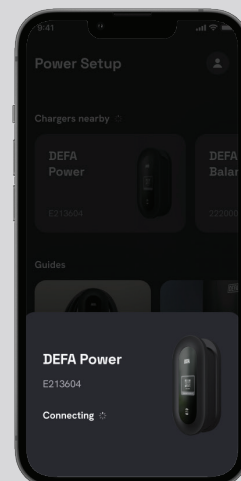
Charging power: Up to 22kW
Charging current: 6–32A (adjustable)
Rated voltage three phase: 380-420 Vac (50-60 Hz)
Rated voltage single phase: 220-240 Vac (50-60 Hz)
Charging mode: Mode3
Connection to vehicle: Type 2
Charging cable: Included, 6 meter

Interface:

Integrated display: 69 mm x 69 mm
Brightness: Automatically adjusted
Access control: RFID/NFC/DEFA Power app
Energy meter: Integrated
Power setup: App to set up

Communication & network:

4G LTE Cat M1
Wi-Fi 2.4 & 5.0 GHz, 802.11 a/b/g/n/ac
Ethernet 100Base-T



¹ Charging unit can be used within temperature range -40 to +50 when MID metering is not required.

Specification

Safety & protection:

RDC-DD: 6mA DC in acc. IEC 62955
Ingress protection: IP55 (Wall bracket IP44)
Impact resistance: IK10
Fire classification: UL94 V0
Isolation class: I
Overvoltage category: III
Overheat protection: Internal sensor
Pollution degree: III
EMC environment: Class A and B

Standard & certification (with Power Ready S):

CE
IEC61851
IEC62955
IEC61439-7
IEC60947-2
EN50470-1
EN50470-3
MessEV & MessEG (Eichrecht compliant)

Ratings:

Rated impulse withstand voltage U_{imp} : 4 kV
Rated short-time withstand current I_{cw} : 1520 A @ 1.2 ms
Rated conditional short-circuit current I_{cc} : 10 kA
Rated current of a circuit I_{nc} : 32 A
Rated peak withstand current I_{pk} : 2280 A (IEC 61439-1 Table 7 $n \times I_{cw}$, $n = 1.5$)

Installation:

Grid: TN / IT / TT
Fuse size: 32A

Integrated MID energy meter:

Accuracy: Class B ($\pm 1\%$)
Harmonized standard: EN 50470-1:2006, EN 50470-3:2006
Notified body: VDE Prüf- und Zertifizierungsinstitut GmbH
Reference voltage U_n : 3x 230 V / 400 V
Reference frequency f_n : 50 Hz
Rated current (I_{st} / I_{min} / I_{tr} / I_n / I_{max}): 0.02 / 0.25 / 0.5 / 5 / 32 A
Meter constant: 1000 pulses/kWh
Repeatability test; minimum pulses: 1000 (1/10th of permissible error)
Environment: M1 and E2

Warranty:

5 years

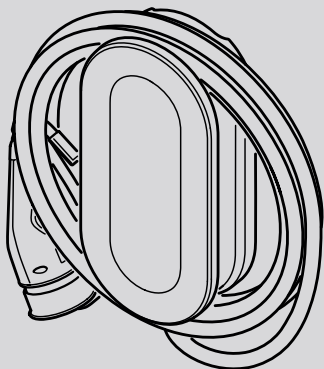
Recycling:

EE-waste

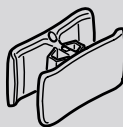
Specification

Included*:

Charging unit with
6 m charging cable



Cable
clip



Locking
tool



*Specifications without wall bracket.

715002 E06 030625 HG