



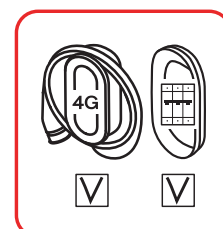
Wall bracket included

DEFA Power S™

Item.no: 715003

Item name: DEFA Power S

Charging station ideal for system installation



DEFA Power S™

Charging station with display, integrated cable, built-in 4G, and an MCB for effortless installation.

DEFA Power S delivers effortless charging for EV owners, quick installation for electricians, and a scalable, future-ready system for operators. MID and MessEV-certified and built on open standards (OCPP 2.0.1), it ensures secure, compliant, and flexible charging that adapts to future needs.

DEFA Power S – a new generation of system charging

Intuitive user experience

High-quality, intuitive display guides users through every charging step. A durable 6 meter Type 2 cable ensures easy handling. Included 4G/5G connectivity means no extra setup - it's ready to go from day one.

Cost of ownership

DEFA Power S is designed for maximum uptime and minimal hassle. With built-in 4G/5G, WiFi, and LAN, it stays connected. A high-quality build means less maintenance, while cost-efficient installation and easy expansion make scaling simple.

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.

Safety and technology leadership

Powered by OCPP 2.0.1 and ISO 15118, DEFA Power S delivers secure, intelligent charging - ready for the next generation of EV technology.

Optimized and reliable use of available power

DEFA Power S is designed for maximum charging speed, making full use of the facility's available power. Use cloud-based load balancing or connect to DEFA Balancer™ and sensor kits for local dynamic load management.



Increase user experience further with a docking unit at every charge point

Easy installation

The wall bracket features a built-in MCB (Circuit Breaker), eliminating the need for external breakers at each charge point. Compatible with all cabling setups, it ensures a solid, hassle-free wire connection every time.

Easy configuration with app

Configure and hand over the charging system seamlessly with the DEFA Power Setup App - available for both Android and iOS.

Prepare for expansion with Power Ready S

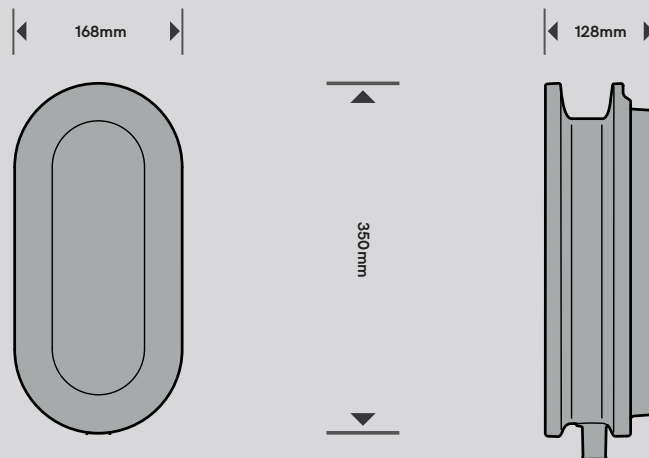
Install Power Ready S units in advance for a quick and seamless upgrade with DEFA Power Up later, completing your charging facility effortlessly.



Look for this icon

Specification

Dimension:



General:

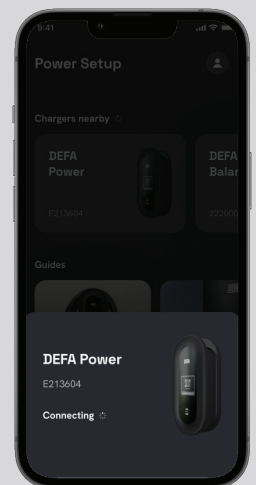
Item number: 715003
EAN: 7042287150033
Dimension (mm): H: 350 x W: 168 x D: 128
Weight unit: 2.5kg
Weight cable: 3.5kg
Operating temperature¹: -30°C to +40°C
Storage temperature: -50°C to +85°C
Material charging unit: Polycarbonate

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: Mode 3
Connection to vehicle: Type 2
Charging cable: Included, 6 meter

Interface:

Integrated display: 69mm x 69mm
Brightness: Automatically adjusted
Access control: RFID/NFC/DEFA Power app
Energy meter: Integrated MID class B
Installer app: DEFA Power Setup App



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°C to +50°C when MID metering is not required.

Specification

Safety & protection:

RCD: 30 mA AC
RCD-DD: 6 mA DC
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:

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
Breaker size: 3x32A (integrated in wall bracket)
Maximum cable size: 16mm² (2 x 10mm²)
Torque value: 2.5Nm
Stripping length: 20mm +/-2

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:



715003 E10 08102025 HG