DC Fast Charging Station
KEYWATT® S36

- An optimized solution for public use (low-voltage connection, ≤ 36 kVA tariff)
- Universal and compact, it offers 2 simultaneous charging points in AC and DC
- A thin and robust charging station designed for roadside/public use
- Designed and assembled in France, with a national expert technical service at your side

Easy to use
Universal, multi-language solution
with HD colour touchscreen
LED indicators for remote load level monitoring

Payment options
RFID, contactless card,
dynamic QR code

Suitable for use in public parking lots and street installations
Adapted for PRM,
Low ground footprint,
Robust stainless steel design
for outdoor use (IP55/ IK10)

Personalization
Customizable front panel (color, design)
Logo integration in the HMI

Recyclability rate: 91%

Advanced Cyber/Security
Compatible Plug & Charge,
ISO 15118-2

Compliance with EU rules
Built-in residual current protection per charge point
Residential & industrial electromagnetic compatibility (EMC),
LNE-certified DC Meter

Native SMART configuration
Interoperable (OCCP 1.6 and 2.0.1),
Compatible with all CPOs,
Smart Charging,
Load Management,
Remote booking support.

Optimized operation
Vehicles detection,
Dual 3G/4G modem for seamless software updates & remote diagnostics
G4 Power module

Key features

Perfectly suited for public EV charging infrastructure, it is appreciated by urban, metropolitan and rural networks, with more than 1600 S24 stations already installed for local authorities and in public-access facilities

Proven technology: benefits based-on the well-established KEYWATT® W24

A user-oriented design:
- Extended compatibility with all EVs using DC (1 or 2 DC connectors) or AC
- Optimized power for efficient charging in 1h to 1h30 on average

Easy deployment and reduced operating costs:
- Reduced impact on the power grid thanks to a reasonable rated power
- Controlled operating costs (designed for 36 kVA tariff contracts)
- Simplified administrative procedures
- Low maintenance thanks to robust design and remote monitoring
- Advanced cybersecurity features

Designed & assembled in France

Fast charging

Low operating costs

Installation & maintenance made easy

KEYWATT® services

Ready for the future

DC CHARGER INPUT

Input power	36 kVA
Voltage range	400 V +/- 10%
Nominal input current	52 A
Power factor	0.99
Performance	95%

DC CHARGER OUTPUT

Output power	33 kW
Voltage range	200-1000 V
Maximum output current	90 A
Available connectors :	
Combo 2 (CCS2)	X
T2S (AC 22kW)	X

Our S36 charging stations can be configured upon order, **limited to 24 kW**, with the option to upgrade the power to 33 kW at a later stage.

Mechanical characteristics

Dimensions: H 1750 x W 700 x D 356 mm
Weight: 220 kg
Degree of protection: IP55/ IK 10 (screen: IK08)
Network connection: 3P+N 400V (Europe)

Built-in protections

Dedicated circuit breaker for 12-24V power supply
DC output insulation monitoring device
AC input relays & DC output relays
Output diode on each power module

Compliance with EU legislation

RED Directive 2014/53/EU -
EMC Directive 2014/30/EU - LVD 2014/35/EU
(compliant with IEC 61851-1éd.3 /-23 ed.2)

Custom setup according to operator specifications: supervision, SIM card

User Features

2 connectors
2 simultaneous Charging Points (AC+DC),
Cable length: 5.5 meters (~18 ft).

Access & Identification

7" HD color touchscreen (24 languages),
RFID reader + options: NFC, bank card (1 single Payment terminal),
Dynamic QR code for operator applications access (payment services, booking, remote services,...),
AutoCharge via vehicle authentication ,
Plug & Charge compatible.

Appearance Customization

Front panel: standard or customizable (color, design, logo)
Your logo can be integrated on the screen.

Options & Accessories

Payment terminal configuration and activation,
Detection of up to 2 parked vehicles,
Interchangeable locking cylinder (by client),

Operator Functions

Remote booking,
Smart Charging: dynamic power adjustment (via OCCP profile),
Load Management: with external PowerMeter, dynamically adjusts the maximum power based on site consumption

Extended Supervision capabilities

Compatible with OCPP 1.6 and 2.0.1,
Ethernet or 3G/4G modem,
Dual modem configuration (1 IES modem/1 client modem)

Standard hardware configuration

MID-certified AC meter (for AC charging),
LNE-certified DC Meter, visible from the outside,
4-color LED indicators (RGB) per charging point,
Thermal-magnetic & residual current circuit breakers per charging point,
Energy reserve in case of mains power failure.

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