

Charging Station

KEYWATT® W7a



KEYWATT® W7a for corporate fleets



Ideal pour
fleet EV

Overview



- An AC Wallbox suitable for private and public parking.
- Installation on a stand or on a wall.
- A front-facing socket for easy installation.
- Includes a MID meter.
- Smartcharging OCPP compatibility.
- Status indicator lights.
- RFID sensor.



AC
Charging



Low operating
cost



Easy
installation

Characteristics

KEYWATT® W7a is a wallbox delivering alternating current at a power of 7.4kW. Considering the parking times and distances covered by vehicles, this power caters to a wide range of uses.

This charging station is delivered ready for use. Once installed, it is already configured with KEYWATT® CLOUD SUITE, which allows for the utilization of the infrastructure from the outset.

KEYWATT® W7a is ready to be deployed on private or public sites and features a MID-certified meter, allowing for the generation of credits in the TIRUERT mechanism.



KEYWATT®
Services

AC CHARGING STATION

Small, stylish, convenient

METER
MID Meter

AC CHARGING
W7A - 1 AC charging point
7kW Type 2 socket

PEDESTAL
Installable on a stand with the
PEDESTAL KIT or on a wall



STICKER
The KEYWATT® Charging
sticker highlighting power
(7kW)

LIGHT INDICATORS
Light indicators for charge
status



KEYWATT® W7A

KEYWATT® W7A meets the demand for a daily charging power required by the majority of vehicle users.

INPUT

Network type: single-phase, 1PN: TN-S, TN-C, TT
Input rated current: 32A at 230VAC, 50/60Hz

AC OUTPUT

AC socket power: 7.4 kW - 32A
AC socket type: Type 2 shutter socket (T2S)
Number of charge point types: 1 AC charge point

PROTECTION

Leakage current detection 6mA

ENVIRONMENT

Operating temperature range (with derating):
-35°C to 55°C
Relative humidity: 5% to 95%

CONFIGURATION & OPTIONS

User Interface:

Payment/Authentication Method: RFID
Light Indicator and Charge Status: LED
Accessibility for People with Reduced Mobility
(in compliance with local regulations for wall
mounting)
Energy Meter: MID Certified

Customization:

Pedestal Kit

MARKINGS AND STANDARDS

CE, ROHS, ISO15118-2
Certified Advenir
EV Ready Compatible

STANDARDS

Vehicle-to-charger protocols: IEC 61851-1,2,2
Supervision protocols: OCPP 1.6J
Smartcharging and reservation under OCPP

MECHANICAL CHARACTERISTICS

Dimensions: H 460 x W 315 x D 135
Weight: 4.8 kg
Protection rating: IP54 / IK10 (IK08 screen)

COMMUNICATION

Operating & Supervisory Modem

4G

LAN

Ethernet - RJ45



www.ies-synergy.com

