

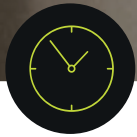
# WALLBOX KEYWATT 24 kW Mono & Multi Standard

## CHARGING PROTOCOLS AVAILABLE

- Combo 1
- CHAdeMO

## MAIN APPLICATIONS

- Retail business
- Dealerships
- Public parkings
- Restaurants
- Corporate fleet
- Utility vehicle fleet



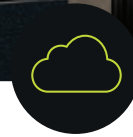
Fast Charging



Smart  
Power



3x times cheaper  
than a station



No air filter



Charges all vehicles  
at 22/24 kW

The compact design of the Wallbox KEYWATT allows it to be installed in less than two hours on a wall or pedestal. With a power output of 24 kW, it charges electric vehicles in an average of one hour via its Combo 1 or 2 or CHAdeMO output. Based on a unique design without an air filter, maintenance requirements are significantly reduced.

With customizable stickers and user menus, it is the ideal solution for equipping dealerships, garages, and corporate fleets with fast charging points. Through its OCPP1.6 connection (Ethernet or GSM), updates, supervision, operation, and real-time parameter adjustments can be performed remotely for optimal and dynamic use. Additionally, IES is committed to maintaining the necessary spare parts for maintenance until 2035.

## FEATURES

- Charges EVs in less than an hour (on average)
- Compact design for economical and quick installation
- Low energy subscription costs
- Reduced maintenance
- Air filterless cooling system
- Robust design for outdoor use (IP55 / IK10)
- Compatible with OCPP1.6 for remote supervision
- Dual modem for Operation & Maintenance
- Customizable front door and user menu
- Advenir-compatible hardware

 **Bectrol**

  
Beyond Charging

## POWER INPUT

Voltage : 480 VAC 50/60Hz 3 Phase (3P + N + Ground)

Nominal input current: 37 A

Voltage : 208V-240 VAC 50/60Hz 3 Phase (3P + Ground)

Nominal input current: 65 A

Voltage : 220V-240 VAC 50/60Hz 1 or 2 Phase (2P + Ground)

Nominal input current: 112 A

Power factor: > 0,99

Efficiency: 95%

## POWER OUTPUT

Voltage : 150 VDC to 530 VDC

Current: 1,5 to 65 A

Max output power : 24 kW

## INSULATION

Input / Output : 5200 VDC

Input / PE : 1500 VAC

Output / PE : 2600 VDC

## OPERATING TEMPERATURE

Temperature: -13°F to +122°F (derating above +95°F)

Relative Humidity: 10% to 95%

## HARDWARE PROTECTIONS

Input fuses on each module

Output diode and fuse on power module

Fast acting fuses on output

AC input and DC output relays

## ELECTRONIC PROTECTIONS

Overload and output short-circuit

Over temperature and temperature regulation

Output voltage / Reverse polarity

Charging plug defects / Communication failure

Insulation monitor device on DC output

## COMMUNICATION

COMBO 1 or CHAdeMO interface

Cable length : 138 inches (3,51 m.)

## CARACTERISTIQUES MÉCANIQUES

Dimensions : H 33.8 x W 20 x D 9.8 inches

On Pedestal: H 60.3 x W 20 x D 9.8 inches

Weight : 145 pounds / 258 pounds with pedestal

IP level: IP55

Shock resistance: IK10

## COMMUNICATION

### Vehicle interface:

- CAN (CHAdeMO)
- PLC GreenPhy (COMBO)

### Supervision capability:

- Compatible OCPP 1.6
- LAN/TCP-IP
- 2 separated modems (Maintenance / Operations)

### Access & identification:

- RFID reader

### Functions:

- Dynamic Power Management

### Standard compliance

- UL2022 / UL2231-1/2
- FCC Part 15
- CAN/CSA C22.2
- Charge: ISO15118 / DIN70121
- Connectors: UL2251 / CSAJ1772

## Configuration & options

### Customization

- In the factory, configuring the station for the operator (supervision, SIM card)
- Customizable logo on the 7-inch touchscreen
- Standard Bectrol front door color customizable upon request (sticker)
- Pedestal available as an option

### Configurations:

- Bi-Standard DC Version: Combo / CHAdeMO

### Network connection

- 1P+N 240V
- 3P 208V without Neutral
- 3P+N 480V

