

**With its compact design, the Keywatt 24 Wallbox and Station can be installed in less than two hours, either on a wall or on a pedestal. It has a 24 kW output power with Combo1/2 or CHAdeMO connectors. It will charge all EV cars typically in one hour.**

An ideal charging solution for car dealerships, service centres, or for any utility vehicle or enterprise fleet. Connected wirelessly via OCPP 1.6, upgrades, supervision and operation can be done remotely in a smart and optimised way.



### Input

Voltage: 380V-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 - For Bi version only

Voltage: 220V-240 VAC 50/60Hz 1 or 2 Phase (2P + Ground)  
Nominal input current: 112 A - For UL version only

Power factor: > 0.99

Efficiency: 95%

### 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

### 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 over voltage / reverse polarity

Charging plug defects / Communication failure

Insulation monitor device on DC output

### Mechanical Features

Dimensions: H 1,225 x L 507 x W 250

On pedestal: H 1,835 x L 536 x W 336

Weight: 93 kg / 138 kg with Pedestal

IP level: 55 / Shock resistance: IK10

Find out more on the next page →

Wall-Mounted



Floor-Standing



### Operating Temperature

Temperature: -25°C to +50°C (derating above 35°C)

Relative humidity: 10% to 95%

### Communication

Vehicle interface:	CAN (CHAdeMO / GB)
	PLC GreenPhy (COMBO & AC)
Supervision capability:	Compatible OCPP 1.6
	Ethernet or 3G/4G modem
	2 separate modems (Maintenance & Operation)
Access & identification:	RFID reader (Mifare)
Functions:	Smart Charging

### Standard Compliance

RED directive 2014/53/EU

EMC directive 2014/30/EU

LVD directive 2014/35/EU

FCC part 15

UL2022 / UL2231-1/2, CAN/CSA C22.2

Charge DIN70121 / E.V. ready compatible

### Communication Bus

COMBO (1 or 2), CHAdeMO interface

Cable length: 3.25 Metres

With or without AC socket Type 2 – 22 kW E.V. Ready

### Configuration and Options

Customisation:	Factory configuration of the charging station to the operator (supervision, SIM card)
	Customisable logo on the 7 inch touchscreen
	Customisable branding available
	Pedestal option available
Configurations:	Tri-standard: Combo / CHAdeMO / AC
	Bi-Standard DC: Combo / CHAdeMO
	Bi-Standard AC: Combo + AC
Inupt connection:	3P+N 400V (Europe)
	3P+N 480V or 3P 240V w/o Neutral
	1P or 2P version for USA on request