

EVlink Wallbox

In short



Product QR code
'FLASH ME'



Extensive choice

Range of 14 charging stations:

- Rated charging power: 3.7, 7.4, 11 or 22.1 kW
- T2 socket outlet (with or without shutter) or attached cable (with T1 or T2 connector)
- Heavy duty socket outlet with silver plated contacts avoiding overheating

Charging station QR code:

- Station identification, maintenance records, other services with CStracker App. (see page 23)

Robustness

- Highly robust to mechanical impact: IK10
- Suitable for outdoor use: IP54

Easy to use

- "Plug and charge"
- One-touch stop/restart
- Attached cable rolled up around the Wallbox
- Technical documentation: installation sheet and quick start guide in many languages (see "Additional information", page 23)

Energy management option

- Delayed start allowing off-peak hours charging only
- Temporary current limitation (from 16 A to 10 A or from 32 A to 16 A) protecting building users from blackouts

Options are activated by external contacts (off-peak contact, load-shedding module contact, etc.) hardwired on a station digital input.

At home



At home — condominium



In private parking area



Application

Wallbox are recommended for homes, as well as tougher environments (condominium, corporate car park, hotel, etc.), because of their weatherproof and robust design.

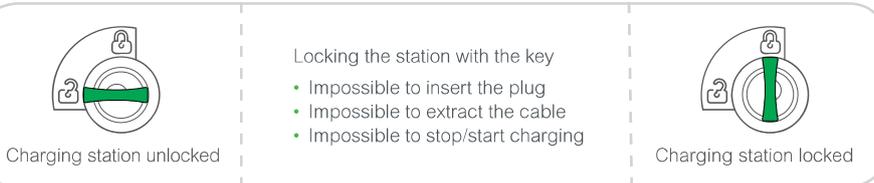
Discovery



Charging station with attached cable



Charging station with socket outlet



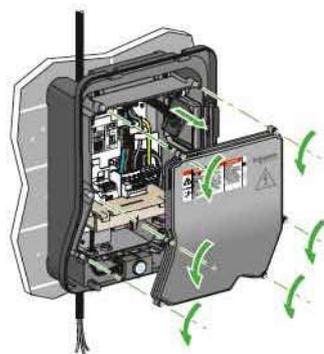
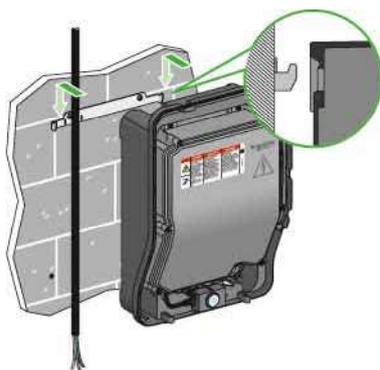
Easy to install

Installation by a single technician in less than 30 minutes;
no special tools required
Top, bottom or back side wiring
Immediate commissioning

What's inside an EVInk Wallbox



Scan or click on QR code



EVlink Wallbox

Characteristics



Power supply network

- 220 - 240 V single-phase – 50/60 Hz for 3.7 and 7.4 kW charging stations
- 380 - 415 V three-phase – 50/60 Hz for 11 and 22.1 kW charging stations
- Earthing diagram:
 - TN-S, TN-C-S or IT
 - IT: may require the addition of an isolating transformer for charging of certain vehicles

Mechanical and environmental characteristics

- Ingress protection code: IP54
- Impact protection code: IK10
- Operating temperature: -30°C to +50°C
- Storage temperature: -40°C to +80°C
- Attached cable length: 4 m
- Energy management: deferred charging start or charging current limitation (16 A to 10 A, 32 A to 16 A)

Charging access

- Free access
- By key lock, for socket outlet insertion and locking

Warranty

- 24 months for the entire EVlink range

Standards

- IEC/EN 61851-1 ed 2.0
- IEC/EN 61851-22 ed 1.0
- IEC/EN 62196-1 ed 2.0
- IEC/EN 62196-2 ed 1.0



Z.E. READY



- > ROHS compliant
- > Reach compliant
- > EoL: End Of Life Process
- > Product Environmental Profile compliant

Certification

EVlink Wallbox has obtained the CB test certificate issued by the LCIE test laboratory, establishing compliance with the IEC 61851-1 and IEC 61851-22 standards.

Charging station references

> EVlink Wallbox



Description	Socket outlet or connector type	Power (kW)	Ref.
With socket outlet on right side ⁽¹⁾			
	T2 ⁽²⁾	3.7	EVH2S3P02K
		7.4	EVH2S7P02K
		11	EVH2S11P02K
		22.1	EVH2S22P02K
	T2 with shutters ⁽²⁾	3.7	EVH2S3P04K
		7.4	EVH2S7P04K
		11	EVH2S11P04K
		22.1	EVH2S22P04K
With attached cable 4 m, on right side			
	T1 ⁽²⁾	3.7	EVH2S3P0AK
		7.4	EVH2S7P0AK
	T2 ⁽²⁾	3.7	EVH2S3P0CK
		7.4	EVH2S7P0CK
		11	EVH2S11P0CK
		22.1	EVH2S22P0CK

⁽¹⁾ Cable available as an accessory.

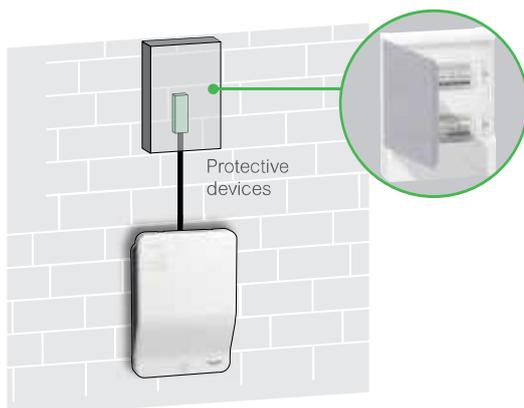
⁽²⁾ Silver-plated contacts.

> Protective devices and optional equipment

Description	Single-phase		Three-phase	
Charging	Single-phase		Three-phase	
Rated Power - Current	3.7 kW - 16 A	7.4 kW - 32 A	11 kW - 16 A	22.1 kW - 32 A
Protection				
Circuit breaker (overcurrent) ⁽¹⁾	20 A Curve C	40 A Curve C	20 A Curve C	40 A Curve C
RCD (residual-current) ⁽¹⁾	30 mA type Asi ⁽²⁾		30 mA type B	
Under voltage tripping auxiliary		A9N26969	A9N26969	A9N26969
Deferred start				
Contactor	With normally open contact			
Load-shedding				
Load-shedding relay	With normally open contact			

⁽¹⁾ References to be defined by Schneider Electric front offices.

⁽²⁾ A type B may be required in some countries. Refer to local regulation.



The charging station operates autonomously. It has a dedicated protective device.

- > Installation: by an electrician
- > Location: residential, private usage

EVlink Wallbox

Accessory references

To connect the car to the charging station
EVlink Cable



Available with a T1 or T2 connector.

Please refer to page 79

Electric vehicle simulation tool



Enables an operating check in the field of the charging station and charging cable.
Reference: [NCA93100](#)

Pedestal mounting pole



Floor standing of 1 or 2 Wallbox
Reference: [EVP1PBSSG](#)

Spare part references

Front panel	Reference
	EVP1HCWN

Socket outlet	References	
	T2S single-phase	EVP1HSM41
	T2 single-phase	EVP1HSM21
	T2S three-phase	EVP1HSM43
	T2 three-phase	EVP1HSM23

Key lock	References	
	Key lock Random ⁽¹⁾	EVP1HLRS
	Key lock Single ⁽¹⁾	EVP1HLSS

Attached cable	References	
T1 charging connector		
	16 A single-phase	EVP2CNS161A4
	32 A single-phase	EVP2CNS321A4

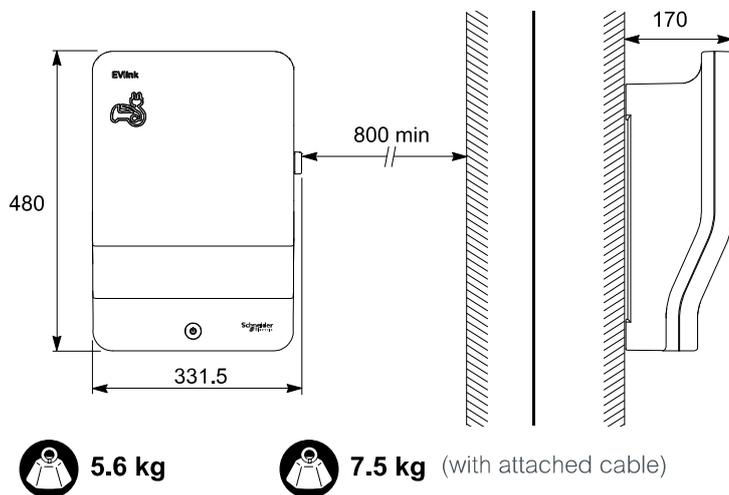
⁽¹⁾ Example:
- If you order 10 Key locks random: you will receive 10 different keys.
- If you order 10 Key locks single: you will receive 10 identical keys.

Flap	Reference
	Flap T2 socket Wallbox EVP1HFS0

T2 charging connector		
	16 A single-phase	EVP2CNS161C4
	32 A single-phase	EVP2CNS321C4
	16 A three-phase	EVP2CNS163C4
	32 A three-phase	EVP2CNS323C4

Practical information

> Dimensions (mm)



Additional information

Technical document	Language	References
With attached cable		
Quick start guide ⁽¹⁾	EN/ES/FR/DE	NHA31783
	IT/NL/PL/PT	NHA31784
Instruction sheet	EN/ES/FR/DE	NHA31787
	IT/NL/PL/PT	NHA31788
Without attached cable		
Quick start guide ⁽¹⁾	EN/ES/FR/DE	NHA31789
	IT/NL/PL/PT	NHA31790
Instruction sheet	EN/ES/FR/DE	NHA31778
	IT/NL/PL/PT	NHA31779

⁽¹⁾ Delivered with the Wallbox.

To download the above documents, do a search by reference on www.schneider-electric.com

> CTracker, the Smartphone App. for time-efficient installation and maintenance

CTracker allows electricians, installers, and maintenance teams to:

- Identify and register installed charging stations in the Schneider Electric database
- Register and archive maintenance intervention
- Access to the Web portal of the application for details (notes, photos) of registered interventions
- Access to the technical documentation of the station
- Access to on-line support

