

Your mobility also depends on the EVlink cable

Mobility, which is often regarded merely as the car touring range permitted by the batteries, **is still the main concern of electric vehicle users.**

As an essential link in the dependability of the charging process, **the cable is one of the keys to mobility.**

Having the appropriate **EVlink cable** constantly during all your travel contributes to greater mobility.



Don't let your mobility be reduced by a forgotten or incompatible cable.

Opt for a second EVlink cable!

EVlink:

From the charging station to the charging cable for electric vehicles...

The same levels of expertise and demand in accordance with Schneider Electric standards: regarding design, choice of components, assembly, testing and product compliance.

The same value proposition: quality, reliability, product performance and ease of use.

The same commitment: to ensure the mobility of electric vehicle users.



Catalogue of EVlink solutions
Ref.: COM-POWER-VE-CA3-EN

> www.schneider-electric.com/electric-vehicle

Make the most of your energySM

Schneider Electric Industries SAS

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www.schneider-electric.com

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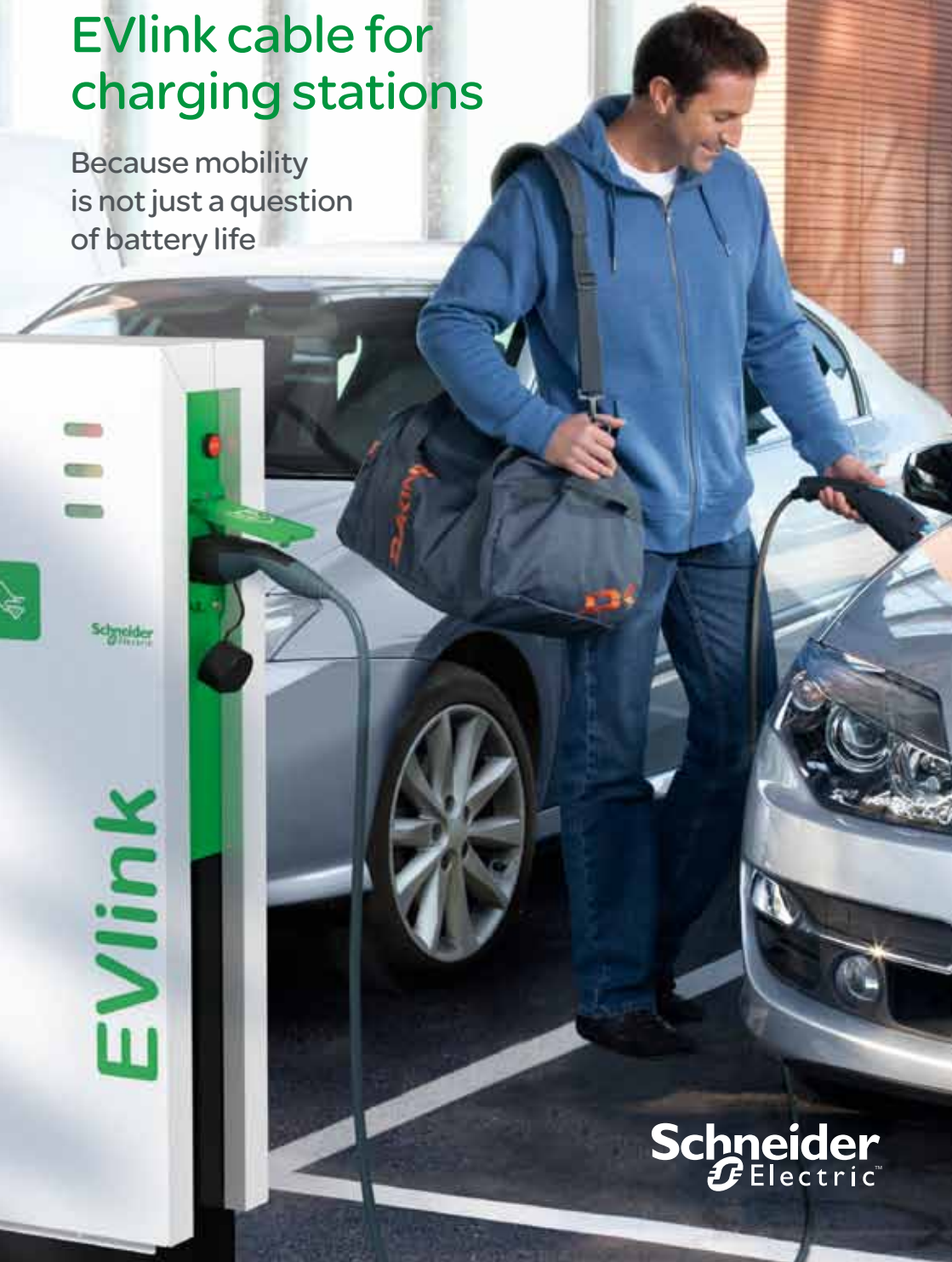
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EVlink solutions for electric vehicles

EVlink cable for charging stations

Because mobility is not just a question of battery life



Schneider Electric™

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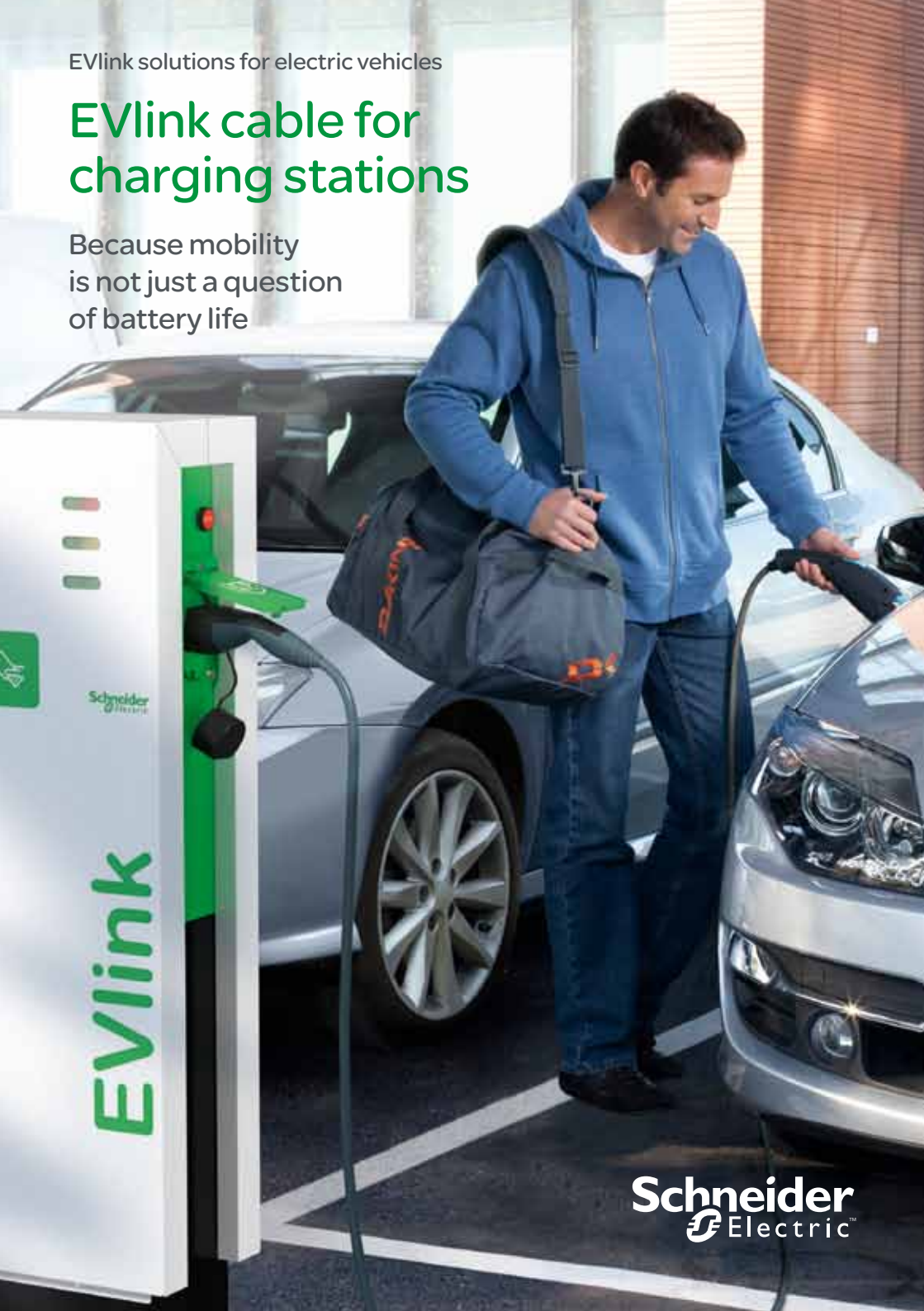
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EVlink cable for charging stations:

Mobility within arm's reach



Two good reasons to have a second EVlink cable in your electric vehicle

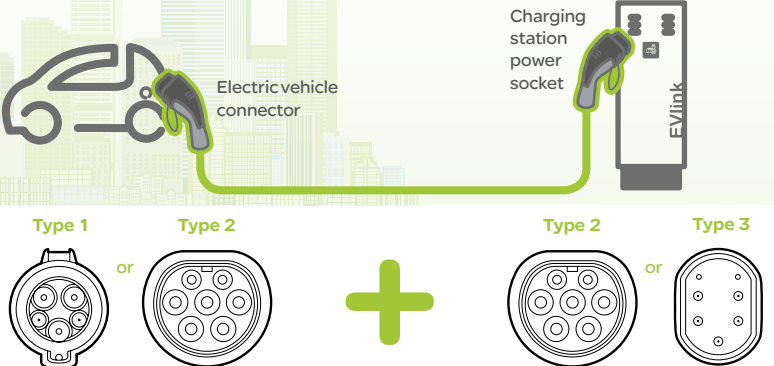
- 1 To take full advantage of the charging capacity of public charging stations:**
by having an appropriate EVlink cable for the charging stations used, you obtain fast charging under high protection.
- 2 To have a fallback solution.**
E.g.: charging cable damaged or misplaced... help out another electric vehicle user.



Characteristics

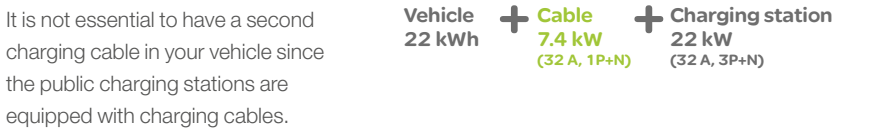
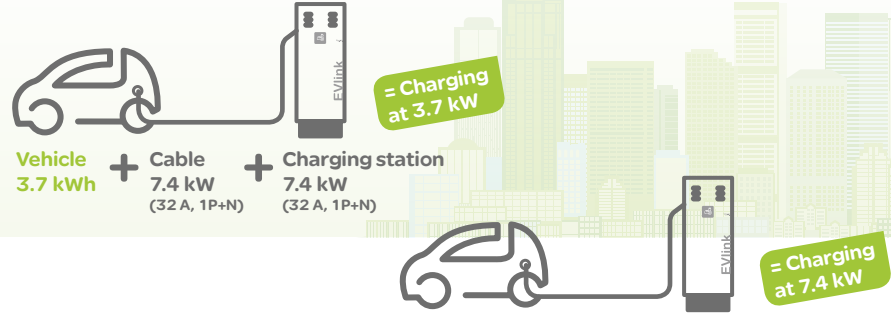
- > Length: 5 m
- > Max. current: 32 A
- > Working temperature: -30°C to +50°C
- > Level of protection: IP44

Which EVlink cable for which electric vehicle?



References	No. of phases		Charging power accepted (kW)				Weight (kg)
	1	3	3.7	7.4	11	22	
T1 + T3 EVP1CNS32131	●		●	●			2.4
T1 + T2 EVP1CNS32121	●		●	●			2.4
T2 + T3 EVP1CNS32132 EVP1CNS32332		●	●	●	●	●	2.5 3.2
T2 + T2 EVP1CNS32122 EVP1CNS32322	●		●	●			2.5 3.2

"True/False ideas" regarding electric vehicle charging



It is not essential to have a second charging cable in your vehicle since the public charging stations are equipped with charging cables.

FALSE: Because of regulations and for safety reasons, public charging stations are not equipped with cables. The user has to have an appropriate charging cable for his vehicle and the charging station.

The device for which the charging current is lowest always determines the power and charging time for the vehicle's batteries.

TRUE: The charging current (in kW) and accordingly the duration of charging are always defined by the device of the lowest power. It may be the vehicle, the charging cable or the charging station.

The "Mode 2" charging cable, potentially supplied with the electric vehicle, makes it possible to charge the batteries on any charging station (domestic or public).

FALSE: "Mode 2" charging cables are plugged in directly and exclusively to a domestic socket. However, all commercially available charging stations are not provided with one.

"Mode 3" charging cables allow shorter charging times than "Mode 1 & 2" charging cables.

TRUE: "Mode 3" cables offer 3 times shorter charging times. And more protected operation for the user and the electric vehicle.

My EVlink cable for charging stations...

Example:
For an electric vehicle equipped with batteries of 22 kWh power, offering a touring range of 150 km (100% charge).

EVlink 22 kW cable (32 A, 3P+N) + EVlink 22 kW charging station (32 A, 3P+N)

30 min. charging

=

40% charge with the 22 kW cable
10% charge with the 7.4 kW cable

1h30 min. charging

=

100% charge with the 22 kW cable
33% charge with the 7.4 kW cable

Indicative values given for new batteries and an electrical installation in compliance with regulations.

EVlink cable for charging stations:

Mobility within arm's reach



Type 1 (T1)



Type 2 (T2)



Type 3 (T3)

Characteristics

- > Length: 5 m
- > Max. current: 32 A
- > Working temperature:
-30°C to +50°C
- > Level of protection:
IP44

Two good reasons to have a second EVlink cable in your electric vehicle

1

To take full advantage of the charging capacity of public charging stations:

by having an appropriate EVlink cable for the charging stations used, you obtain fast charging under high protection.

2

To have a fallback solution.

E.g.: charging cable damaged or misplaced... help out another electric vehicle user.

> Tested and certified product:
Third-party laboratory CB certification (LCIE).
Complies with applicable standard 62196.

> High protection, fast charging (Mode 3)













> High-strength cable



Which EVlink cable

for which electric vehicle?



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	+								
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	+								
T1		T2	●		●	●			2.4
	+								
T2		T3	●		●	●			2.5
	+			●	●	●	●	●	3.2
T2		T3							
	+								
T2		T2	●		●	●			2.5
	+			●	●	●	●	●	3.2
T2		T2							

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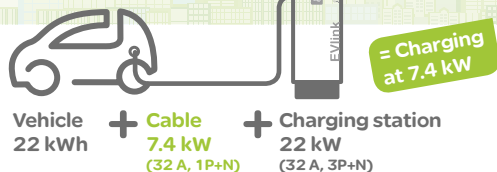
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(32 A, 3P+N)
+ EVlink 22 kW
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(32 A, 3P+N)**

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regarding electric vehicle charging



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