ChargePost —

Full charge to the next level.

Anywhere. Ultrafast.

Together we shape the sustainable future of energy.

adstec Energy

MOBILITY OF TOMORROW

Electrified and intelligently networked into the future.

Mobility is undergoing a fundamental transformation: electrified vehicles are in the fast lane – and will continue to gain importance in the coming years. This increases the challenge for the power grid. Intelligent charging management and decentralized power generation are needed to ensure the sustainable and connected mobility of tomorrow.

With the battery-buffered ultra-fast charging station ChargePost, ADS-TEC Energy offers charging power of up to 300 kW for charging in minutes instead of hours – even if the power grid does not provide the desired power. Discover the new all-in-one system with pioneering technologies and join us in bringing the energy transition to the road.

Together we shape the sustainable future of energy.

CHARGEPOST

chargePost

Ultra–fast charging — rethought.

A real eye-catcher.
ChargePost offers you more than charging. You can place individual advertising messages with Ultra HD resolution on the 75-inch display. Catch your target group's attention while charging - and place your own marketing content directly in your customer's field of vision.

Maximum independence.
Wind and solar energy are the most important renewable energy sources, but they are unstable and weather dependent. ChargePost enables you to optimize self-consumption and increases your energy self-sufficiency. Today and tomorrow.

Future-proof.
Accelerate your electrification and the transformation of our energy system – with ChargePost it's digital Energieplatform. Start with us now into a fully networked and CO_2-neutral mobility of tomorrow where you stay flexible and have the ability to act..

Freedom is Flexibility.

Charging without limits.

ChargePost enables fast charging independent of the power grid at any desired location. With a compact installation area of only 1.95 m^2, the low-noise complete system can be used wherever high charging power and fast chargingis required within a very short time – and can be set up and relocated flexibly.

The fast-charging solution offers a charging power of up to 300 kW, or the maximum a vehicle can demand, even when less power is available from the grid. Thanks to the intelligent platform economy, you also benefit from a stable energy supply in dynamic times.

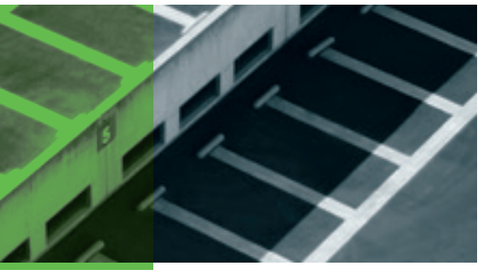
Digital solution for the energy transition.

The transformation of our energy system can only succeed in a decentralized manner. ChargePost, as a platform solution, offers the possibility to temporarily store sustainably generated electricity and to consume it efficiently through intelligent networking – self-sufficient from the given infrastructure and renewable energy sources.

Pioneering technologies make the all-in-one system not only a major driver of CO_2-neutral mobility, but at the same time an important building block in the energy transition.

Drive Change.

One for the future — in company parking lots, at gas stations, in fleet operation.



Electrify your company.

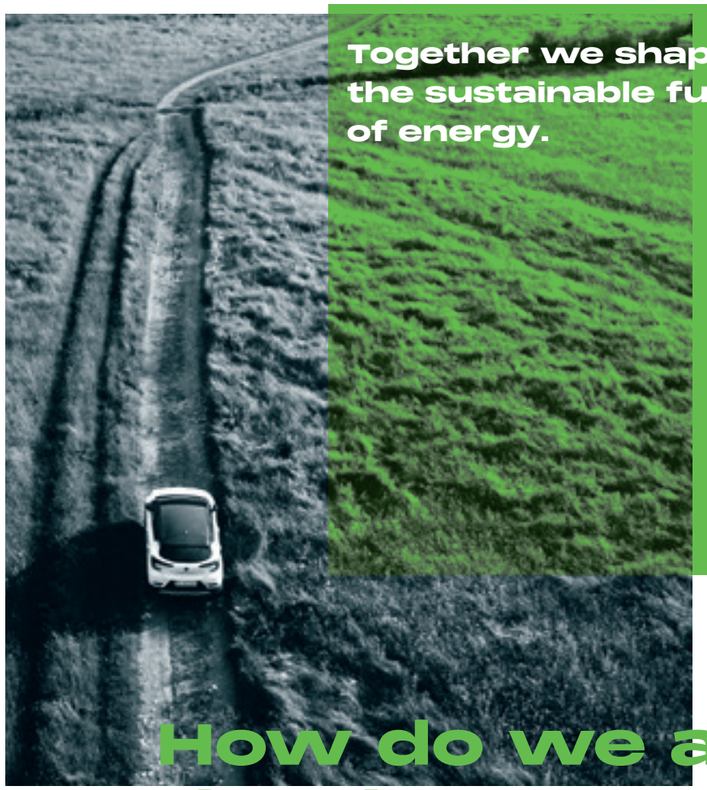
Make a statement as a future-driven company in terms of sustainability. With ChargePost, you enable your employees to conveniently charge their e-vehicles during working hours. Thanks to the super-quiet charging process, the ultra-fast charging station can be used flexibly in the office environment.

A full load of the future at your service station.

Just set up, connect and benefit from additional profit – it's as simple as that. With just a few steps, ChargePost turns your service station into a future-proof contact point for the mobility of tomorrow. Draw attention to the new ultra-fast charging solution at your location by customizing the advertising display and adding your logo.

Gets your e-fleet moving.

Future-proof delivery fleets drive electrically. With ChargePost, you can charge your fleet not only ultra-fast and reliably, but also economically and flexibly. Thanks to the simple installation and fast commissioning, extensive conversion measures will no longer be an issue in the future: Place the charging station where it is needed.

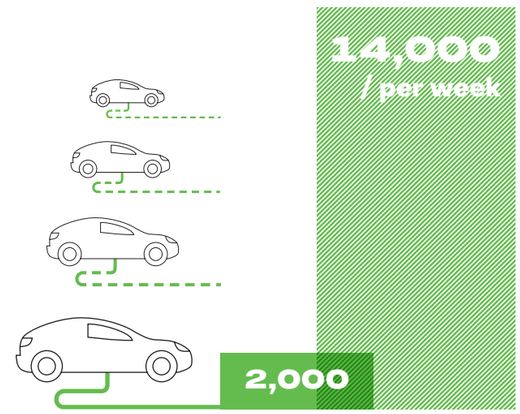


How do we achieve the decentralized energy transition?

Around 2,000 new charging points are being created in Europe every week. However, to keep pace with the development of e-mobility and achieve the climate targets by 2030 with around 7.5 million public charging points, 14,000 new charging points would have to be installed every week.

ads-tec Energy is actively driving the expansion of the charging infrastructure – and thus the energy transition. Pick up the pace with us.

Together we shape the sustainable future of energy.



Source: EU EV Charging Masterplan

Full power ahead.

2
CHARGING POINTS enable simultaneous charging of two e-vehicles.

24/7
OPERATION THANKS to intelligent buffer storage.

5 min
of charging for more than a **100 KM DRIVE.**

up to 201 kWh
BATTERY CAPACITY.

1.3 x 1.5 x 2.4 m
COMPACT SIZE for maximum flexibility during assembly.

75 inch
advertising displays for the placement of **ULTRA-HD** advertising content.

10 inch
sunlight-optimized **TOUCHSCREEN** ensures optimum readability.

With 300 kW
or **2 x 150 kW** super-fast charging capacity.

Adapted to your require–ments.

Charging points
The two charging points can be positioned on the **right or left side** of the charging pole.

Battery capacity
143 or up to 201 kWh gross capacity with 30 (basic) or 42 modules.

Advertising display
- **75-inch advertising display** with glass front, integrated in front door.
- **Two 75-inch advertising displays** with glass front, integrated in front and rear door.
- **No advertising display;** doors can optionally be used for placement of posters.

State-of-the-Art Technology

ChargePost – today's best-in-class solution for tomorrow's challenges.

Innovative, intelligent, individual: With pioneering technologies, ChargePost sets new standards for all-in-one charging solutions.

Your benefits

- **Easy installation** and commissioning.
- Flexible set-up thanks to **compact base area.**
- Ultra-fast charging with **300 kW** or **2 x 150 kW without grid expasion.**
- 75-inch display with **ultra-HD resolution**, usable for your own content.
- Integrated battery storage as flexibility for **renewables**.
- Single source: State-of-the-art technology developed and produced by ADS-TEC Energy in Germany.
- Intelligent and cost-efficient energy management thanks to **smart platform economy.**

ChargePost Technical Data

Product variants		ChargePost
Electronics	Charging power	Up to 300 kW or 2 x 150 kW
	Output voltage DC	150 – 920 VDC
	Max. charge current (output)	Max. 400 A
Battery	Gross capacity	143.6 kWh or 201 kWh
	Cell technology	Lithium-ion
Installations	Operation parallel to the grid	Yes
	Secured charging cable	Yes, fixed installations with connection terminals
Grid connection	Power supply form	3-phase + N + PE
	Power supply system	TN-S
	Power supply frequency	50 Hz
	Input voltage AC	400 V (+/- 10 %)
	Input power	39 – 86.6 kW
	EMC	Class A according to EN 61000-6-4
Mechanical data	Color	RAL 9003, signal white
	Air conditioning	For the cooling of the batteries, inverter and advertising displays; Air and liquid cooling
	Housing material	Sheet steel
Advertising display	Size	75"
	Resolution	4K: 2160 x 3840 px
	Number of monitors	0, 1 or 2 displays
	Remote upload of advertising content	Yes, the customer's content client
	Lifetime	1,500 cd/m² brightness after 50,000 operating hours
	Night mode	Automatic reduction in brightness of the display depending on the measured brightness of the environment
	UV resistance	Yes, test standard: EN ISO 4892-1/-2; test class: A (artificial weathering)
User interface	Human-machine interface	1 x 10-inch HD touchscreen, sunlight optimized
	RFID reader	HMI integrated
	Payment terminal	1 x Credit and debit card reader with PIN pad for contactless payment
Service & operation	Access	Maintenance door(s), lockable
	Operation	Continuous operation at one location
	Project specific features	Bidirectionality; advanced communication interfaces
General data	Dimensions (L x W x H)[1]	1.3 x 1.5 m (floor space) x 2.4 m
	Weight without battery modules	2.1 t*
	Weight with battery modules	3.2 t*
	Weight Battery module	< 25 kg
	Certification	CE
	Degree of protection	IP54
	Protection class	IK10/ Payment terminal IK8, HMI unit IK8.5
	Operating temperature range	-20 °C to +40 °C**
	Communication channels	3 separate communication channels
	Communication	Mobile data (4G/LTE), Ethernet RJ45 10/100 Mbit/s
	Backend protocol	OCPP1.6J
	Charging cables	Uncooled, external, bracket for plug
	Usable cable length	3 m
	Charging plug (vehicle interface)	CCS2
	DC electricity meters	Integrated, one per charging point, each with viewing window Compliant with Eichrecht/MID
	Noise emissions	For urban use

* Total weight depends on the configuration.
** Depending on configuration

[1] With charging cables, without add-on parts such as lashing eyes and without additional, specific add-on parts.

adstec-energy.com/en/ChargePost

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