

**ChargePost –**

**Full  
charge  
to the  
next  
level.**

**Anywhere. Ultrafast.**

Together we shape the sustainable future of energy.



# 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 – 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



## 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 and the digital platform economy. Start with us now into a fully networked and CO<sub>2</sub>-neutral mobility of tomorrow.

# 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.

## Up to 300 kW

or **2 x 150 kW** super-fast charging power.



# Freedom is Flexibility.



## Digital solution for the energy transition.

The transformation of our energy system can only succeed in a decentralized manner. ChargePost, in connection with a digital platform economy, 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<sub>2</sub>-neutral mobility, but at the same time an important building block in the energy transition.



# Drive Change.

## 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<sup>2</sup>, the low-noise complete system can be used wherever high charging power is required within a very short time – and can be flexibly set up and relocated at short notice.

The battery-buffered ultra-fast charging solution provides a permanent and constant charging power of up to 300 kW while protecting the existing infrastructure. Thanks to the intelligent platform economy, you also benefit from a stable energy supply in dynamic times.

Full-HD camera sensor for intelligent security monitoring.

75-inch displays with ultra-HD resolution and intelligent energy-saving modes for the placement of customized HD advertising content.

Outdoor displays: High brightness, vandalproof, UV filter.

CE certified; protection class IP54.

Air conditioning to cool the batteries, power electronics and advertising display.

Large, lockable doors ensure easy access for maintenance.



CCS2 charge cables (min. 3 m, uncooled) enable comfortable handling.

Innovative illumination system for display of the system status.

Sunlight-optimized 10-inch touchscreen for simple, intuitive operation.

Integrated contactless credit and debit card reader enables convenient payment process.

DC energy meter for calibration-compliant energy measurement and billing.

Powder-coated sheet steel offers high resistance to weathering.

# 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**.
- 75-inch display with **ultra-HD resolution**, usable for your own content.
- State-of-the-art technology: 100 % **made in Germany**.
- Intelligent and cost-efficient energy management thanks to **intelligent platform economy**.

# Adapted to your requirements.

## 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**; front door can optionally be used for placement of posters.



# 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.

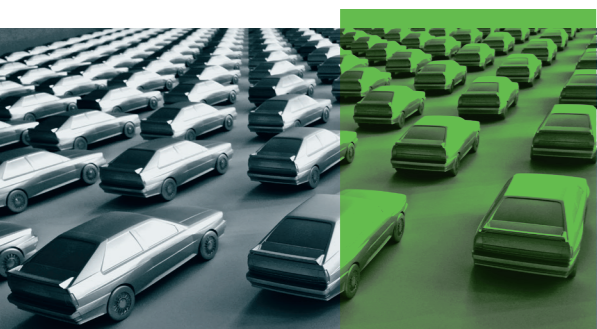
## A full load of the future at your service station.

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.



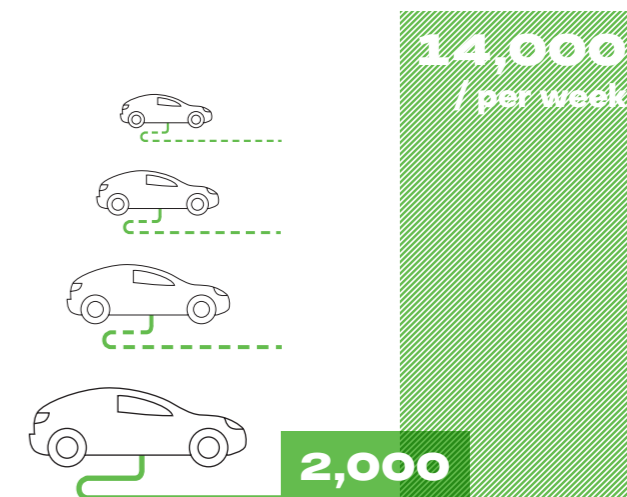
Together we shape the sustainable future of energy.

# 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

# ChargePost

## Technical Data

Product variants		ChargePost
<b>Electronics</b>	Charging power Output voltage DC Max. charge current (output)	Up to 300 kW or 2x150 kW 150 – 920 VDC Max. 400 A
<b>Battery</b>	Gross capacity Cell technology	143.6 kWh up to 201.0 kWh Lithium-ion
<b>Installations</b>	Operation parallel to the grid Secured charging cable	Yes Yes, fixed installations with connection terminals
<b>Grid connection</b>	Power supply form Power supply system Power supply frequency Input voltage AC Input power EMC	3-phase + N + PE TN-S 50Hz 400 V (+/- 10 %) 39 – 86.6 kW Class A according to EN 61000-6-4
<b>Mechanical data</b>	Color Air conditioning Housing material	RAL 9016, traffic white Air and liquid cooling Sheet steel
<b>Advertising display</b>	Size Resolution Number of monitors Remote upload of advertising content Lifetime Night mode  UV resistance	75" 4k: 3,840 x 2,160 px 0, 1 or 2 displays Yes, the customer's content client 1,500 cd/m <sup>2</sup> brightness after 50,000 operating hours Automatic reduction in brightness of the display depending on the measured brightness of the environment Yes, test standard: EN ISO 4892-1/-2; test class: A (artificial weathering)
<b>User interface</b>	Human-machine interface RFID reader Payment terminal	1x10-inch HD touchscreen, sunlight optimized HMI integrated 1x Credit and debit card reader with PIN pad for contactless payment
<b>Service &amp; operation</b>	Access Operation Project specific features	Maintenance door(s), lockable Continuous operation at one location Bidirectionality; advanced communication interfaces
<b>General data</b>	Dimensions (L x W x H) <sup>1</sup> Weight without battery modules Weight with battery modules Weight Battery module Certification Degree of protection Protection class Operating temperature range Communication channels Communication interfaces Backend protocol Charging cables Usable cable length Charging plug (vehicle interface) DC electricity meters  Noise emissions	1.3x1.5 m (floor space)x2.4 m 2.1t* 3.2t* < 25 kg CE IP54 IK10/ Payment terminal IK8, HMI unit IK8.5 -20 °C to +40 °C** 3 separate communication channels Mobile data (4G/LTE), Ethernet RJ45 10/100 Mbit/s OCPP1.6J Uncooled, external, bracket for plug 3 m CCS2 Integrated, one per charging point, each with viewing window Compliant with Eichrecht/MID For urban use

\* Total weight depends on the configuration.

\*\* Depending on configuration

<sup>1</sup> With charging cables, without add-on parts such as lashing eyes and without additional, specific add-on parts  
The content of this data sheet was created with utmost care. However, we shall not be held liable for the correctness, completeness and topicality with regard to the information and illustrations. We reserve the right to make modifications and illustrations may vary. All product names are trademarks and registered trademarks, and as such are the property of the respective company owning trademark rights, in each case. Editorial deadline 03/22/2023