



## Twin 5 Plus

### Proven reliable and solid charging technology

Alfen's Twin 5 Plus redefines EV charging for business and public spaces with its durable design, dual sockets, and advanced display to facilitate direct payment with dynamic QR code. This advanced station is fully AFIR-compliant, ensuring seamless user interactions and accessibility. Enhanced with a clear interface and reliable technology, it supports smart features like ISO 15118 and Vehicle to Grid (V2G), setting new standards in efficiency and convenience.



# Twin 5 Plus

Full color HD 7" LED display with RFID card reader

Type 2 sockets

Solid metal casing

1385x335x220 mm (HxWxD)

Double lockable lever for grid operator and maintenance partner



## Specifications

Max. power	22kW per socket
Supported grid systems	TN-S, TN-C-S, IT; 3x400V+N, 3x230V w/o N
Energy meter, per outlet	MID certified & 4-Quadrant for V2G applications
Residual current protection	Per outlet RCD, 30mA type B
Overcurrent protection	Fuses or MCB up to 40A per phase
Set up	Direct connection to grid, used in charging plaza's (max 3 on one grid connection) or in smart charging network
Vehicle communication	Mode 3 in accordance with IEC 61851-1 ed. 3 (2017) ISO 15118 (optional) - Autocharge, Plug&Charge and V2G
Communication protocol Central System	OCPP 1.6 + SE (JSON) 2nd edition Upgradable to OCPP 2.0.1
Operating conditions (external validated)	-25°C - +55°C
Protection rating	IP54/ IK10

## The charging station



### Integrated protection

The Twin 5 Plus is equipped with all required protective features. The integrated Grid Connection Box adds all protection normally required in the external infrastructure. This helps you to save money during installation.



### Ease of use

The 7" HD display and the integrated card reader make the Twin 5 Plus a user-friendly charge point. Starting and stopping charging sessions is easy. Invisible to the user are its smart features like energy clearing and ensuring safety.



### AFIR compliant

The Twin 5 Plus, ideal for business and public settings, features Dynamic QR codes for direct payment and clear pricing on its bright display. Its durability and ease of use make it a popular choice for public locations.



### Cyber security

With our new platform, Alfen is a frontrunner in cyber security. We use a Secure by Design strategy and are ISO 27001 certified.



### Smart charging

With its entirely renewed software and hardware, the Twin 5 Plus supports various features such as OCPP 2.0.1, Load Balancing, Smart Charging Network, ISO 15118 and Vehicle to Grid (V2G).



### Easy configuration

Connect the Twin 5 Plus to a laptop during installation and enter your preferred configuration settings with our free Service Installer configuration software.

For more information, please visit: [www.alfen.com](http://www.alfen.com)

**Alfen Charging Equipment**  
Hefbrugweg 28 | 1332 AP Almere | The Netherlands  
P.O. Box 1042 | 1300 BA Almere | The Netherlands  
Sales Support Charging Equipment: +31 (0)36 54 93 402  
Alfen: +31 (0)36 54 93 400

[www.alfen.com](http://www.alfen.com)

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