

Fronius Wattpilot



# Designed to move.

Fronius  
Solar Energy

The electric car charging station for everyone –  
with or without a photovoltaic system

Fronius Wattpilot. Designed to move.

# Sustainably affordable: E-mobility with solar power

Whether at home or on the go, with or without your own photovoltaic system, powering your electric car with renewable energy will always give you best value. The Fronius Wattpilot is providing this in more and more countries with variable energy tariffs. The intelligent charging solution charges

your electric car with surplus energy (if available) from your own photovoltaic system and the cheapest grid current. And it does all this automatically, sustainably, anywhere. **It's about e-mobility that drives us all forward. Fronius Wattpilot. Designed to move.**

## The charging station for electric cars

The Fronius Wattpilot is available in two versions: **Home** is the charging station for permanent installation at home, **Go** is the transportable solution for on the go. Both versions deliver intelligent and flexible charging with two different modes: **Eco Mode** is for those wishing to charge efficiently with a combination of PV surplus charging and variable energy tariffs\*. **Next Trip Mode** reliably charges your electric car for a specific number of kilometers. This can be used either with a PV system and surplus solar power, or a grid current supply with variable energy tariffs where charging takes place at the cheapest times.

\* This feature is only currently available in Austria (aWattar Hourly) and Germany (Lumina Strom), with plans to roll it out in further countries.



Fronius  
Wattpilot







## Sustainable right from the start

Environmental, economical, social: For us, all aspects of sustainability are hugely important. Since 1992, we have been successfully investing in strong relationships with our customers, partners and employees. We are a reliable partner as well as being innovative pioneers. We have always been driven by our vision of "24 hours of sun for everyone" – to make solar energy available to everyone at any time of day or night and in every season. And today we can proudly say, "Mission accomplished!"



# Product advantages

---

Charging with green power economically and flexibly: The Fronius Wattpilot provides a wide range of features and benefits. E-Mobility isn't only about the joy of driving.

Operating the Fronius Wattpilot could not be easier: Simply plug it in and start charging.

As the owner of a photovoltaic system, you can be sure that the Fronius Wattpilot will charge your electric car with your own surplus energy. It can automatically switch between 1 and 3 phases and regulate the power in 1 ampere increments, allowing optimum use to be made of surplus PV energy, from 1.38 kW to 22 kW. This avoids load peaks while still reliably supplying the entire household.

Convenient control using the buttons on the Wattpilot itself or via a smartphone/tablet: The Fronius Solar:wattpilot app lets you operate both versions of the Fronius Wattpilot and adjust the settings as required.

[Full charging flexibility](#)

[Plug 'n' Drive](#)

[Intelligent charging](#)

[Ease of use](#)



# Product advantages

---

You can create up to ten user profiles for each Fronius Wattpilot. You can secure access to the Fronius Wattpilot by RFID chip or card, enabling a detailed presentation of all charging data for each user.

Conveniently for owners of photovoltaic systems, the Fronius Wattpilot can be seamlessly integrated into Fronius Solar.web. This gives you a complete overview of all components in your photovoltaic system at all times and enables you to monitor the use of self-generated solar energy.

Optimum current distribution. Dynamic Load Balancing charges up to three electric cars not only at the same time but in an energy-optimized manner. The energy required can be dynamically controlled and distributed among the vehicles being charged.

The Fronius Wattpilot can be used with any electric car. The Fronius charging solution is compatible with all makes of vehicle and you can continue to use it unimpeded even if you change your vehicle.

Safety & control

Full integration

Dynamic Load Balancing

Complete flexibility





# Charging at the lowest price



With the Fronius Wattpilot, you always charge your electric car at the lowest price.

## 1. Select the mode

Eco or Next Trip? The mode is easy to select via a button on the Wattpilot itself or remotely using the app.

## 2. Select a price threshold

Set the price threshold at which the Fronius Wattpilot should search for and charge with grid current for your energy tariff.

## 3. Use PV surplus

As inexpensive as it gets. If available, the Fronius Wattpilot will charge your electric car with self-generated solar power from your own roof.

## 4. Charge with the cheapest grid current

The Fronius Wattpilot searches for the cheapest available current to charge your electric car. If surplus energy is available from your own photovoltaic system, this energy is used first, rather than being taken from the grid supply.

## 5. Enjoy driving at the lowest price

With e-mobility that drives us all forward.

**Important: In order to function reliably, the Fronius Wattpilot requires a permanent Internet connection via WLAN.**

## Flexible e-mobility

For more information, visit:

[www.fronius.com/wattpilot-car-charger](http://www.fronius.com/wattpilot-car-charger)

**Fronius International GmbH**

Froniusplatz 1  
4600 Wels  
Austria  
pv-sales@fronius.com  
www.fronius.com