



# Designed to move.

## Product advantages

- 01 Plug 'n' Drive
- 02 Intelligent charging
- 03 Operating convenience
- 04 Security & control
- 05 Full integration
- 06 Complete flexibility

At home or on the move. With or without your own PV system. Sustainable electricity is always the cheapest way to power your electric car. Fronius Wattpilot takes care of this in ever more countries with variable electricity tariffs. This intelligent charging solution charges your electric car with surplus energy from your own PV system – if available – and with the cheapest mains current. It's fully automatic, sustainable and can be used anywhere. **It's about e-mobility that drives us all forward. Fronius Wattpilot. Designed to move.**

# The electric car charger



## 01 Plug 'n' Drive

The Fronius Wattpilot is child's play to use – simply plug it in and charge.

## 02 Intelligent charging

As a PV system owner, you can rely on Fronius: The Fronius Wattpilot charges your electric car with your own surplus energy – where available – or draws upon mains current. This prevents load peaks while reliably supplying the entire household.

## 03 Operating convenience

Convenient control via a button on the Wattpilot or via smartphone/tablet: The Fronius Solar.wattpilot app allows you to securely use both versions of the Fronius Wattpilot and adjust them to suit your own personal needs.

## 04 Security & control

You can create up to 10 user profiles per Fronius Wattpilot. Access to the Fronius Wattpilot can be secured via RFID chip or card and protects it against misuse, including in public spaces. The use of chip or card also enables detailed itemisation of all charging data for each user.

## 05 Full integration

Attention PV system owners! The Fronius Wattpilot can be seamlessly integrated in the Fronius Solar.web app. This gives you an insight into all the components of your PV system at any time and allows you to control the use of all your self-generated solar energy.

## 06 Complete flexibility

No matter what electric car you drive, the Fronius Wattpilot is the perfect choice. This Fronius charging solution is compatible with all makes of car and remains fully ready for use if you change your car.

The Fronius Wattpilot can be integrated into Solar.web with ease and enables an overview of all energy usage.





Fronius Wattpilot comes in four versions:

- Fronius Wattpilot Go 11 J
- Fronius Wattpilot Go 22 J
- Fronius Wattpilot Home 11 J
- Fronius Wattpilot Home 22 J

## Technical data

|            |                                      | Wattpilot  |         |  |         |   |         |   |         |                            |         |
|------------|--------------------------------------|--|---------|--|---------|---|---------|---|---------|----------------------------|---------|
|            |                                      | Go 11 J  |         | Go 22 J  |         | Home 11 J                                     |         | Home 22 J                                     |         |                            |         |
|            |                                      | 1-phase  | 3-phase | 1-phase  | 3-phase | 1-phase                                       | 3-phase | 1-phase                                       | 3-phase | 1-phase                    | 3-phase |
| Input data | Maximum charging power               | kW   |         | 3.68   | 11      | 7.36  | 22      | 3.68  | 11      | 7.36                       | 22      |
|            | Grid types                           | TT / TN / IT   |         | TT / TN / IT   |         | TT / TN / IT                                  |         | TT / TN / IT                                  |         |                            |         |
|            | Mains connection                     | CEE16<br>30 cm incl. neutral conductor                                     |         | CEE32<br>30 cm incl. neutral conductor                                     |         | 5-pin cable<br>180 cm incl. neutral conductor |         | 5-pin cable<br>180 cm incl. neutral conductor |         |                            |         |
|            | Optional adapter                     | CEE32 (red) /<br>CEE-Cara 16 A<br>(blue camping plug) /<br>safety plug16 A |         | CEE16 (red) /<br>CEE-Cara 16 A<br>(blue camping plug) /<br>safety plug16 A |         |   |         |   |         |                            |         |
|            | Nominal voltage                      | V  |         | 230/240  | 400/415 | 230/240                                       | 400/415 | 230/240                                       | 400/415 | 230/240                    | 400/415 |
|            | Nominal current (configurable)       | A  |         | 6–16<br>1-phase or 3-phase   |         | 6–32<br>1-phase or 3-phase                    |         | 6–16<br>1-phase or 3-phase                    |         | 6–32<br>1-phase or 3-phase |         |
|            | Grid frequency                       | Hz   |         | 50   |         | 50  |         | 50  |         | 50                         |         |
|            | Charging socket                      | Type-2 infrastructure socket with mechanical lock                          |         |  |         |   |         |   |         |                            |         |
|            | Residual current device <sup>1</sup> | 20 mA AC, 6 mA DC integrated in device                                     |         |  |         |   |         |   |         |                            |         |
|            | Supply line cable cross-section      | mm <sup>2</sup>  |         | min. 2.5   |         | min. 6  |         | min. 2.5                                      |         | min. 6                     |         |

<sup>1</sup>An additional residual current circuit breaker as well as an automatic circuit breaker must be connected upstream in accordance with the applicable installation standard of the respective country.

# Technical data

|                   |                                   | Wattpilot  |  |  |  |         |
|-------------------|-----------------------------------|--|--|--|--|---------|
|                   |                                   | Go 11 J  | Go 22 J  | Home 11 J  | Home 22 J  |         |
| General data      | PV optimisation                   | Dynamic PV surplus charging of 1.38–11 kW (at 230/400 V, automatic 1-/3-phase switching) | Dynamic PV surplus charging of 1.38–22 kW (at 230/400 V, automatic 1-/3-phase switching) | Dynamic PV surplus charging of 1.38–11 kW (at 230/400 V, automatic 1-/3-phase switching) | Dynamic PV surplus charging of 1.38–22 kW (at 230/400 V, automatic 1-/3-phase switching) |         |
|                   | Network connection <sup>2</sup>   | WLAN 802.11 b/g/n  | WLAN 802.11 b/g/n  | WLAN 802.11 b/g/n  | WLAN 802.11 b/g/n  |         |
|                   | Communication protocols           | OCPP 1.6 J   | OCPP 1.6 J   | OCPP 1.6 J   | OCPP 1.6 J   |         |
|                   | Use <sup>3</sup>                  | Indoors or outdoors  |  |  |  |         |
|                   | Installation type                 | Hanging upright  |  |  |  |         |
|                   | Safety class                      | IP 65  | IP 65  | IP 65  | IP 65  |         |
|                   | Standards/directives              | EN IEC 61851-1<br>EN 62752<br>EN 62196   | EN IEC 61851-1<br>EN 62752<br>EN 62196   | EN IEC 61851-1<br>EN 62196   | EN IEC 61851-1<br>EN 62196   |         |
|                   | Dimensions (L × W × H)            | mm   | 287 × 155 × 109  |  |  |         |
|                   | Weight                            | kg   | 1.6  | 1.8  | 1.8  | 2.3     |
|                   | Average temperature over 24 hours | °C   | max. 35  | max. 35  | max. 35  | max. 35 |
|                   | Ambient temperature <sup>4</sup>  | °C   | –25 to +40 (without direct sunlight)   |  |  |         |
|                   | Humidity                          | %  | 5–95   | 5–95   | 5–95   | 5–95    |
|                   | Sea level                         | m  | 0–2000   | 0–2000   | 0–2000   | 0–2000  |
| Impact resistance |                                   | IK08   | IK08   | IK08   | IK08   |         |

<sup>2</sup> Supported security standards: WEP, WPA, WPA2, WPA3

<sup>3</sup> When installed outdoors, the Wattpilot must not be exposed to direct sunlight.

<sup>4</sup> Operation in temperatures in excess of 40°C can result in a reduction in charging performance

For more information, visit: [www.fronius.com/wattpilot-en](http://www.fronius.com/wattpilot-en)

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