

Frequently Asked Questions and Answers about the "SGVG (Strong Gravity Vacuum Generator)"

Here you will find an overview of the frequently asked questions of our customers on various topics. We have compiled the most important questions and answered them clearly to provide you with quick and clear information.

These FAQs are constantly updated and can be downloaded at any time via the following link in the latest version: <https://www.sourceweb.click/current/>
or via the following direct link: <https://qr.sourceweb.com/sgvg-faqs-en/>

1 What does our SGVG-100 Power Machine effectively deliver?

The SGVG-100 is a revolutionary power machine designed to operate efficiently, sustainably and reliably generate energy. It delivers:

- 100 kW/h constant power for a wide range of applications.
- High efficiency thanks to state-of-the-art technology that optimizes energy consumption.
- Sustainable power generation that is environmentally friendly and future-oriented.
- Flexibility: Can be used in private, commercial and industrial areas.

The SGVG-100 has been specially designed for a permanent energy supply and is ideal for all who rely on reliable and cost-efficient power solutions. It combines advanced technology with simple operation and minimal maintenance.

Example Calculation at full Load of our SGVG-100 Power Machine (24/7 Operation):

Power: 100kW/h

Operating Hours per Year: 24 hours/day × 365 days/year = 8,760 hours/year

24 hours / day × 365 days / 1 year = 8,760 hours/year

Annual Output = 100 kW × 8,760 h = **876,000 kWh/Year**

Calculations (Profit Income in Germany):

The sales price for **876,000 kWh of electricity per year depends** on various factors, including:

1) Market Price for Electricity:

This varies depending on the region, contract and type of electricity (e.g. renewable energies, industrial electricity).

2) Consumer Type:

Whether the electricity is sold to private households, companies or bulk consumers.

3) Power Source:

Electricity from renewable energies often fetches higher prices due to subsidies or environmental incentives.

Average Price (Germany 2024):
Household Electricity: approx. 0.30 USD/kWh
Industrial Electricity: approx. 0.18 USD/kWh

Calculation of the Annual Sales Value:

Household Electricity:
 $876,000 \text{ kWh} \times 0.30 \text{ USD/kWh} = 262,800 \text{ USD}$

Industrial Electricity:
 $876,000 \text{ kWh} \times 0.18 \text{ USD/kWh} = 157,680 \text{ USD}$

In other countries or for renewable energies, prices per kWh may be higher or lower.

Feed-in Rate in Germany:

Operators of our SGVG-100 Power System or Photovoltaic Systems can either use the generated electricity itself or feed it into the public grid and receive a feed-in tariff in accordance with the EEG (Renewable Energy Sources Act).

Historical remuneration rates: Between 8.92 and 12.88 USD/kWh, depending on plant size, location and commissioning date.

Calculation:

Remuneration rate: 10 USD/kWh
Annual feed-in: 876,000 kWh

Receipts:
 $876,000 \text{ kWh} \times 0.10 \text{ USD/kWh} = 87,600 \text{ USD per Year}$
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Important Notes:

Up-to-dateness of the remuneration rates: EEG remuneration is adjusted regularly.

Current information is available from the Federal Ministry of Economics and energy or the Federal Network Agency.

Feed-in Rates in Austria:

Suppose you feed 876,000 kWh into the grid annually and receive remuneration of 13.691 USD per kWh (based on the OeMAG tariff Q3/2023):

$876,000 \text{ kWh} \times 0.13691 \text{ USD/kWh} = 119,808,36 \text{ USD}$
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With an annual feed-in of 876,000 kWh, depending on the current feed-in Rates, revenues of over USD 100,000. However, it is crucial to take into account the current remuneration rates and legal framework.

2) Which insurer is Responsible for surge Damage?

(1) As the provider of the SGVG-100 power generation plant, we would like to point out to you, that our system does not need any buffer memory and therefore requires special protection against overvoltage damage caused by external influences, such as lightning strikes or power fluctuations, requires. To protect against potential surge damage, we recommend that you take out suitable insurance.

The following types of insurance are available to you:

1. **Household:**
 - Covers surge damage to moving equipment in your household.
 - Please check whether surge protection is included in your contract, or add it as an additional building block.
2. **Residential Building Insurance:**
 - Protects the permanently installed electrical systems of your property.
 - Here, too, it is important to consider whether surge damage is covered.
3. **Special Electronics Insurance:**
 - For particularly valuable or sensitive devices we recommend that you take out electronics insurance, that provides comprehensive protection.

We recommend contacting well-known insurance providers such as:

- AXA Insurance
- Allianz Insurance
- HUK-COBURG Insurance
- R+V Insurance

Please note that you should review your existing insurance contracts and ensure that protection against surge damage is explicitly included.

3) How quickly can the Engineering Team deliver such an SGVG-100 Container and Connect?

Delivery and production capacities for the SGVG-100 Container

The delivery and installation time depends on the current order situation and individual requirements. In addition, we would like to offer you our production capacities in order to be able to plan future projects in the best possible way:

1. **Production Capacity:**
 - **1st Year:** We can produce up to **100 Units** of SGVG-100 Container.
 - **2nd Year:** Capacity increases to **500 Units** per year.
 - **3rd Year:** We reach a production capacity of **1,000 Units** per year.
2. **Standard Delivery and Connection timeframes:**
 - **Production and Preparation: 4 to 6 weeks** (per unit).
 - **Transport:**
 - Within Europe: **1 to 2 Weeks**
 - Outside Europe: **3 to 6 Weeks**
 - **Installation and Connection: 2 to 3 Days** on site.

3. Total Timeframe:

- **Europe: 6 to 8 Weeks**
- **Outside Europe: 8 to 12 Weeks**

Hints:

- **Scalable Production:** As demand increases, we continue to expand our production capacities in order to realize large orders.
- **Express Option:** In urgent cases, expedited processing is possible.
- **Planning Security:** We recommend planning larger projects at an early stage, to reserve capacities.

Contact us to receive a tailor-made offer.



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