

PeakTech®

Unser Wert ist messbar...



PeakTech® 9034

User manual

Energy Meter



Safety information

This product fulfils the requirements of the following European Union directives for CE conformity: 2014/30/EU (Electromagnetic Compatibility), 2014/35/EU (Low Voltage), 2011/65/EU (RoHS).

To ensure the operational safety of the device and to avoid serious injuries due to electricity or voltage, the following safety instructions for operating the device must be observed.

Damage caused by failure to observe these instructions is excluded from claims of any kind.

- For the operational safety of the appliance and to avoid serious injury from electric shock or electric shock
- The following safety instructions for operating the appliance must be observed.
- Damage caused by failure to observe these instructions is excluded from claims of any kind.
- This appliance must not be used in high-energy circuits.
- Before connecting the appliance to a socket, check that the input voltage of the appliance matches the existing mains voltage.
- Only connect the appliance to sockets with an earthed protective earth conductor.
- The specified maximum input voltages must not be exceeded.
- Never operate the appliance if it is not completely closed.
- Check the appliance for any damage before commissioning. If in doubt, do not take any measurements.
- Avoid strong vibrations.
- Always observe the warning notices on the device.
- Do not expose the device to extreme temperatures, direct sunlight, extreme humidity or moisture.
- Do not operate the device in the vicinity of strong magnetic fields (motors, transformers, etc.).
- Keep hot soldering guns away from the immediate vicinity of the device.

- Before starting measurement operation, the device should be stabilised to the ambient temperature (important when transporting from cold to warm rooms and vice versa)
- Measure voltages above 35V DC or 25V AC only in accordance with the relevant safety regulations. Particularly dangerous electric shocks can occur at higher voltages.
- Clean the housing regularly with a damp cloth and a mild detergent. Do not use corrosive abrasive cleaners.
- Disconnect the appliance from the power supply before cleaning.
- In accordance with IEC664, the power meter should only be used in areas with installation category II (CAT II) in which the transient voltage does not exceed 300V.
- Avoid any proximity to explosive and flammable substances.
- The appliance may only be opened and maintenance and repair work may only be carried out by qualified service technicians.
- To avoid damaging the controls, do not place the front of the appliance on the workbench or work surface.
- Do not make any technical modifications to the appliance.
- Do not operate the device if the ambient conditions do not
- comply with the specifications (>75%RH, >40°C or <10°C)



This device is only suitable for indoor applications.

1.1 Correct disposal of this product



Within the EU, this symbol indicates that this product must not be disposed of with household waste. Old appliances contain valuable recyclable materials that should be recycled and disposed of so as not to harm the environment or human health through uncontrolled waste disposal. Therefore, please dispose of old appliances via suitable collection systems or send the appliance to the place where you purchased it for disposal. They will then recycle the appliance.

1.2 Warranty provisions

Irrespective of the statutory warranty, the manufacturer grants a warranty of 3 years. The warranty begins on the date of sale of the appliance to the end user. The guarantee only covers defects caused by material or manufacturing faults. Warranty repairs may only be carried out by an authorised customer service centre. The original sales receipt (with date of purchase) must be enclosed in order to assert your warranty claim.

Excluded from the warranty are

- Normal wear and tear
- Improper use, e.g. overloading of the appliance, unauthorised accessories
- Damage caused by external influences, use of force or foreign objects
- Damage caused by non-compliance with the operating instructions, e.g. connection to an incorrect mains voltage or non-compliance with the installation instructions
- Completely or partially dismantled appliances.

2. General information

Thank you for choosing our energy cost meter. This device is a reliable tool for monitoring energy consumption and energy costs. It is designed to be user-friendly and offers practical functions for everyday use.

Note:

- Since the device does not have an internal battery, the cost setting must be made when the device is switched on.
- The product has a power-down protection function, this function ensures that the measured values recorded are saved in the event of a power outage. This makes it easier to monitor and analyze your energy consumption over the long term. All data such as cost setting and consumption €/KW/h are automatically saved after switching off.
- To delete the internal data of the device, please press the "RESET" button when the device is switched on.

In addition, the device offers an innovative 180-degree rotatable display that ensures flexible readability in any position. This ensures maximum convenience, regardless of where the device is placed.

This meter is an ideal companion for using energy efficiently and reducing costs. Read these operating instructions carefully to make the most of all the functions.

Start using energy more consciously today and save money.

IMPORTANT!

Do not connect any devices whose current exceeds 16 amperes. Always ensure that the plug of an appliance is fully inserted into the socket of the meter. If the meter needs to be cleaned, disconnect it from the power supply and wipe it with a dry cloth.

Remark:

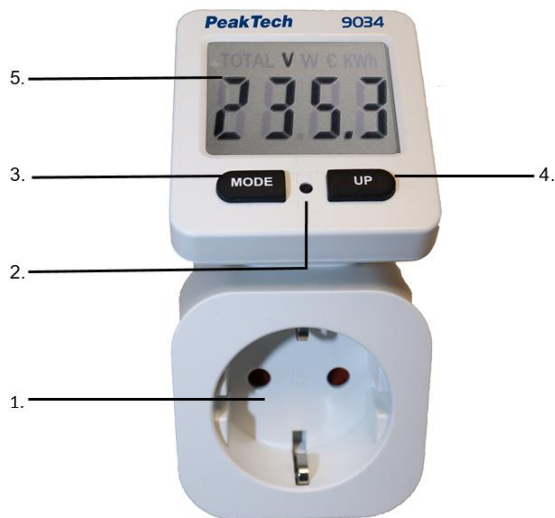
- The product does not have a rechargeable battery inside, the cost setting must be made when switching on
- Product has power-down protection. All data will be saved automatically after switching off.
- To erase the internal data of the device, please just press the 'RESET' button.

3. Performance features

- Measurement of energy costs (€),
- energy consumption (kWh),
- mains voltage (V)
- Measurement of power (W)
- Integrated overload indicator and child lock
- Reset button for resetting all device functions
- GS-tested, Intertek Deutschland GmbH
- Safety: GS, EN61010-1; CAT II 300V



4. Controls and connections



1. Earthed socket outlet with child safety lock
2. Reset button for resetting all device settings
3. Mode button for switching the volt-watt measuring function
4. UP button for selecting the cost setting
5. LCD display with 180° rotatable display

5. Operation:

When the plug is connected to the power, the display shows the voltage values first.

"MODE" button:

Press **"MODE"**, the display shows the voltage, then press **"MODE"**, the display changes from voltage "V" to power "W".

"UP" button:

Press **"UP"** button to adjust, then the following three data will be displayed:

	Total KWh
1) Total KWh Total output power	0.0
	Total €
2) Total € total costs	0.00
	€ KWh
3) € KWh setting of kilowatt hours	00.00

6. Setting the kilowatt hours:

To do this, hold down the MODE button for 3 seconds, then the first digit starts flashing, now you can use the UP button to enter your desired KWh in €. If you do not need to set the first number, you can select the second or third number with "MODE". Finish the setting by holding down the "MODE" button again for 3 seconds or press the Mode button until the digits stop flashing (last digit). The setting is now saved and the power meter starts calculating.

7. Reset:

To delete all stored data and cost settings, press the RESET button.

8. Specifikation:

• LCD display:	2.0" (ca. 5cm)
• Operating voltage:	230V AC/50 Hz
• Operating current:	MAX 16A
• Wide voltage range:	150V AC~276V AC
• Voltage accuracy:	±1%
• Power display range:	0.5 W~3680 W
• Power accuracy:	±2%
• Display of total KWh:	0.000 KWH~9999 KWH
• Self-consumption power:	<0.4 W
• Total cost display	0.00€~9999€
• Price display range	00.00€~99.99€
• Plug connection:	Type F (CEE-7/4-)
• Socket connection:	Type F (CEE-7/3-)
• Operating temperature	0°C~+40°C
• Weight	Ca 128g
• Dimensions	85 mm x 115 mm x 55 mm (L*H*W)

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Last status at the time of printing. We reserve the right to make technical changes to the appliance in the interests of progress.

Misprints and errors excepted. We hereby confirm that all devices fulfil the specifications stated in our documents and are supplied calibrated at the factory.

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PeakTech Prüf- und Messtechnik GmbH – Gerstenstieg 4
DE-22926 Ahrensburg / Germany

☎ +49-(0) 4102-97398 80 📠 +49-(0) 4102-97398 99

💻 info@peaktech.de 🌐 www.peaktech.de