

PPOZYLPC DDS662

PPOZYLPC DDS662 110V Single Phase LCD Digital Energy Meter

Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the PPOZYLPC DDS662 110V Single Phase LCD Digital Energy Meter. This device is designed to measure active energy (kWh), voltage, current, and power consumption in single-phase AC circuits. Please read this manual thoroughly before installation and use to ensure safe and correct operation.

2. SAFETY INFORMATION

- Installation must be performed by qualified personnel in accordance with local electrical codes and regulations.
- Ensure the power supply is disconnected before any installation, wiring, or maintenance work.
- Do not operate the meter in environments with excessive moisture, dust, or corrosive gases.
- Do not attempt to disassemble or repair the meter. Contact qualified service personnel if repair is needed.
- Verify the voltage and current ratings of the meter match your application before installation.

3. PRODUCT OVERVIEW

The PPOZYLPC DDS662 is a compact, single-phase digital energy meter designed for DIN rail mounting. It features an LCD display for clear readings of various electrical parameters.

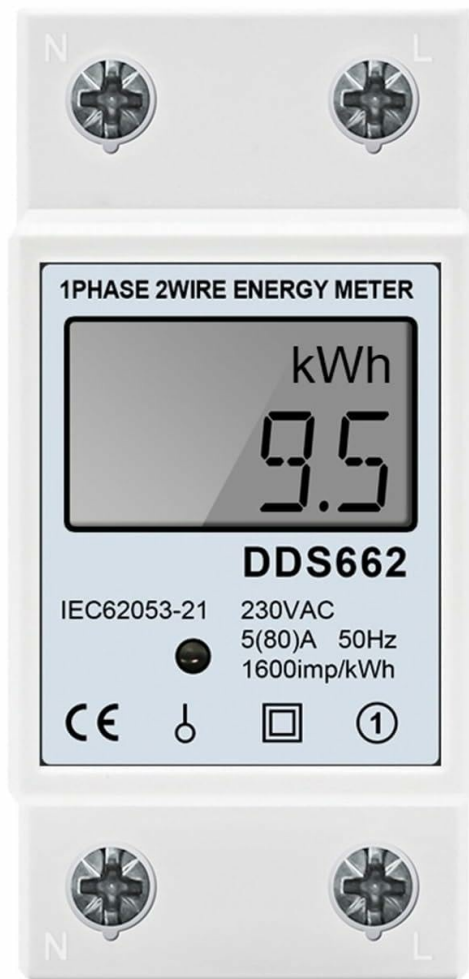


Figure 1: Front view of the PPOZYLPC DDS662 110V Single Phase LCD Digital Energy Meter. The meter features an LCD screen for displaying measurements and terminals for electrical connections.

The meter provides real-time measurements and can display kWh, Voltage (V), Current (A), Power (W), Frequency (Hz), and Power Factor (PF) depending on the model. The DDS662 model specifically focuses on kWh, Voltage, Current, and Power.

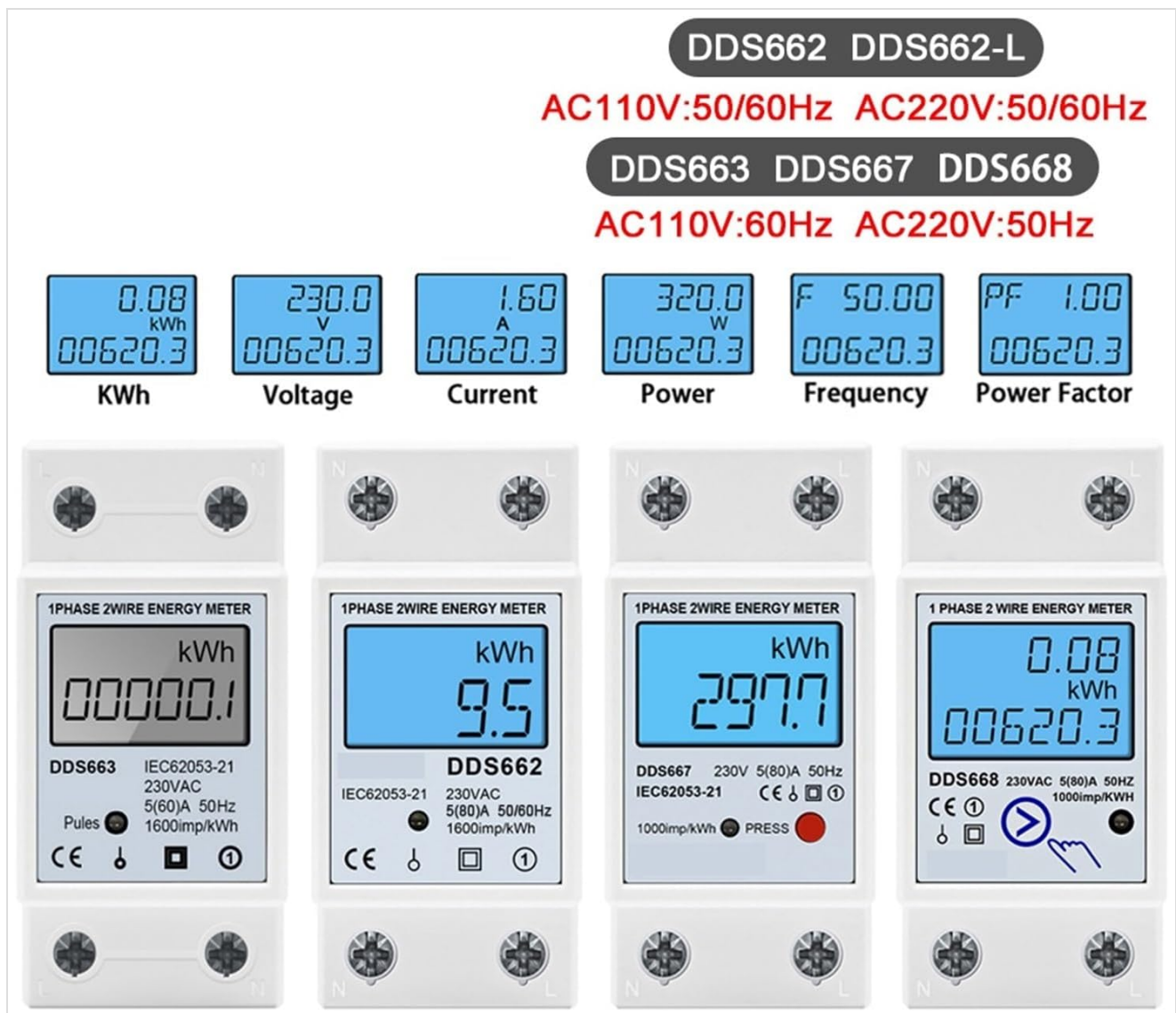
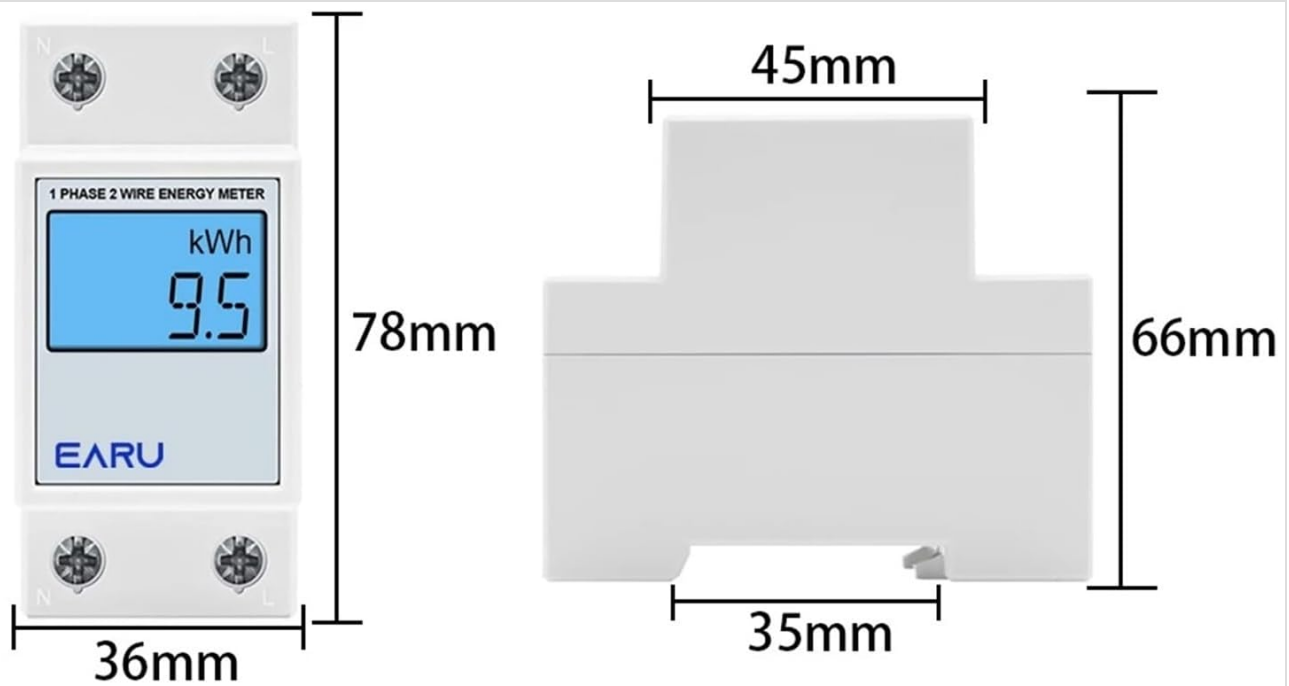


Figure 2: Overview of different DDS series energy meters and their respective display capabilities. The DDS662 model displays kWh, Voltage, Current, and Power.

4. SPECIFICATIONS

Parameter	Value
Model	DDS662
Rated Voltage	AC110V, 50Hz/60Hz (Voltage Universal)
Item Weight	111 Grams (3.92 ounces)
Package Dimensions	1.18 x 0.79 x 0.39 inches
Mounting Type	DIN Rail
Number of Pieces	1



Product Voltage Parameters		
DDS663	Rated Voltage:AC230V/50Hz	
DDS662 DDS662-L	Rated Voltage:AC230/110V 50Hz/60Hz (Voltage Universal)	
DDS667	Rated Voltage:AC230V/50Hz	Rated Voltage:AC110V/60Hz
DDS688	Rated Voltage:AC230V/50Hz	Rated Voltage:AC110V/60Hz

Figure 3: Physical dimensions of the energy meter and a table detailing rated voltage parameters for various DDS models, including the DDS662.

5. SETUP AND INSTALLATION

Follow these steps for proper installation of the DDS662 energy meter:

- Preparation:** Ensure the main power supply to the circuit where the meter will be installed is completely turned off. Use appropriate safety equipment.
- Mounting:** Mount the DDS662 meter onto a standard 35mm DIN rail. Ensure it is securely fastened.
- Wiring:** Refer to the wiring diagram typically found on the meter itself or in the product packaging. For a single-phase 2-wire meter, connect the live (L) and neutral (N) wires from the incoming power supply to the designated input terminals. Connect the load's live (L) and neutral (N) wires to the designated output terminals. Ensure all connections are tight and secure to prevent loose contacts and overheating.
- Verification:** Double-check all wiring connections for correctness and security.
- Power On:** Restore power to the circuit. The meter's LCD display should illuminate, indicating it is operational.

Note: Incorrect wiring can damage the meter or cause electrical hazards. If unsure, consult a qualified electrician.

6. OPERATING INSTRUCTIONS

Once installed and powered on, the DDS662 meter will automatically begin measuring and displaying electrical parameters.

6.1 Display Readings

The LCD display cycles through various parameters. For the DDS662, these typically include:

- **kWh:** Total active energy consumption.
- **V:** Real-time voltage.
- **A:** Real-time current.
- **W:** Real-time active power.

The display will automatically switch between these readings at regular intervals.

6.2 Resetting kWh (If Applicable)

Some models of this meter series may feature a reset function for the kWh reading. If your DDS662 model includes a 'RESET' button or a similar mechanism (often a small button requiring a pointed object to press), follow these steps:

1. Ensure the meter is displaying the kWh reading.
2. Press and hold the 'RESET' button (or equivalent) for approximately 3-5 seconds.
3. The kWh reading should reset to zero.

Note: Not all models support user-initiated kWh resets. Refer to your specific model's features.

7. MAINTENANCE

The DDS662 energy meter requires minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to clean the meter's exterior. Do not use abrasive cleaners, solvents, or liquids that could seep into the meter.
- **Inspection:** Periodically inspect the wiring connections to ensure they remain tight and free from corrosion or damage.
- **Environment:** Ensure the operating environment remains within the specified temperature and humidity ranges to prolong the meter's lifespan.

8. TROUBLESHOOTING

If you encounter issues with your DDS662 meter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No display/Meter not powering on	No power supply; Incorrect wiring; Faulty meter	Check power supply to the circuit; Verify wiring connections; If power is present and wiring is correct, the meter may be faulty and require replacement.
Incorrect readings	Incorrect wiring; Overload; Meter malfunction	Recheck wiring against the diagram; Ensure the load does not exceed the meter's maximum current rating; If issues persist, contact support.

Problem	Possible Cause	Solution
kWh not accumulating	No load connected; Incorrect current direction; Meter malfunction	Ensure a load is connected and drawing power; Verify current flow direction if applicable (check wiring); Contact support if problem persists.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your purchase receipt as proof of purchase for warranty claims.
Manufacturer: PPOZYLPC

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question