

DISPLAY

The display is split into 3 rows:



Row 1: Display either the time of day OR the accumulated time for which energy use has been recorded.

Row 2: Cycle through the display to show accumulated energy and cost information.

Row 3: Energy screen to show instantaneous metered readings. (Cycle through with the energy button.)

The display will remain active while the power meter is plugged into a powered socket. On removing power from the meter the display will become inactive after approx. 10 seconds however any button press will reactivate the display until there has been 10 seconds of inactivity.

BUTTONS

- **CLOCK:** Pressing the clock button in normal use will cause the display row to toggle between the time of day and the accumulated time for which energy has been recorded.
- **COST:** Pressing the cost button will cause the display row to cycle through values of **accumulated cost » accumulated energy » accumulated carbon footprint » energy price setting 1 » energy price setting 2** (only appears if you have chosen dual tariff).
- **ENERGY:** Pressing the energy button will cause the display row to cycle through instantaneous values of **power » voltage » frequency » current » power factor » max power » min power » overload power**
- **UP:** This button is used to change the values of the digits during the setting-up process.
- **RESET:** The unit can be reset using a pointed implement to press the reset button. This will clear all accumulated data and return the unit to its factory settings.
- **SET:** This button can be used to move between digits during the setting-up process. It will also allow the user to cycle through both the energy and cost screens simultaneously in normal use.
- **OK:** (Use during setup) This button is used to confirm settings during the setting-up process.

SET-UP

• Setting the currency and price for kWh:

Single Tariff

1. Press and hold the cost button for 3 seconds.
2. Press the **ok** button to select single tariff.
3. Use the UP button to cycle through the digits and use the **set** button to move to the next digit.
4. Press the **cost** button to exit.

Dual Tariff

1. Press and hold the cost button for 3 seconds.
2. Use the **up** button to toggle from single tariff to dual tariff setup and press the **ok** button to enter Tariff 1 setup.
3. Use the **up** button to cycle through the digits and use the **set** button to move to the next digit.
4. Press the **ok** button after you have finished setting the cost for tariff 1. You can now set the start time for tariff 1.
5. Set the start time using the **up** button to cycle through the digits and the **set** button to move between digits.
6. Press **ok** button to move into tariff 2 setup, and repeat the steps above for setting cost and start time of tariff 2.
7. Exit the setup by pressing the **cost** button.

• Setting the Clock:

Press and hold the **clock** button for 3 seconds. The time screen will appear on the display. Use the **up** button to cycle through the digits. Use the **set** button to move between the digits. Press the **ok** button to finish the setting procedure.

• Setting the Overload Power (Optional):

Press and hold the **energy** button for 3 seconds. The overload screen will appear on the display. Use the **set** button to select the digit to change. Use the **up** button to cycle through the digits. Press the **ok** button to finish the setting procedure. The default factory setting is 3680W.

Specifications

Rating: 200 to 276 Volts AC 50 Hz
Load max: 13 Amps, 3120 Watts

Time Display

Accumulated ON time 0 seconds to 9999 days
The unit also displays the current time of day

Energy Display

Measured voltage range: 200-276 Volts AC $\pm 1.5\%$
Measured current range: 0.005-13 Amps $\pm 2\%$
Measured power: 0.1 to 3120 Watts $\pm 2\%$
Power factor: 0.00 to 1.00
Measured frequency range: 45-65Hz
Overload threshold: Max. 3120 Watts

Cost Display

Accumulated electricity usage: 0.00-9999 kilowatt-hour (kWh)
Accumulated carbon footprint: 0.00 to 9999 KgCO₂
Selectable price/kWh: 00.00 to 99.99
Accumulated cost/kWh: 0.00 to 9999

Operating environment: 0°C to +50°C
Storage environment: -10°C to +50°C

Regulatory Information

WEEE

This product is classed as Electrical and Electronic equipment and comes under the WEEE waste disposal and recycling requirements of Directive 2012/19/EU within the EU. Please ensure that you dispose of this product responsibly using your local authority's recycling facilities or via your supplier for commercial customers.

User Guide for Appliance Power Meter



Model: ENER007