



# Shelly Set EM + 50A Transformer (energy measurment)



Model: EM+50A

Manufacturer: SHELLY

Product Code: 424434

## R1,712

## Shelly EM + 50A Transformer Kit (Energy Consumption Measurement)

The Shelly EM combined with the 50A transformer is a comprehensive kit that allows you to gain full control over the electricity consumption in your home. Now you can precisely monitor how much energy various devices and electrical circuits consume. This enables you to make informed decisions about energy savings and managing your costs.

### Track, Measure, Control

The Shelly EM is a device designed specifically for you to monitor the current and historical state of electricity consumption. With it, you have full access to data on electricity usage for the day, week, month, or even a year back. Whether you want to control energy costs in your home or care for the environment, Shelly EM is the answer to your needs.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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## Precise Measurements at Your Fingertips

The Shelly 50A is a precise current transformer that converts large current values into standard, smaller units perfectly suitable for measurement. It offers accurate current measurement without negatively affecting the operation of your electrical system. You can integrate it with Shelly EM, creating a coherent energy control system in your home or workplace.

### Shelly EM

|                                |                                            |
|--------------------------------|--------------------------------------------|
| AC Power Supply                | 110-230V, 50/60Hz                          |
| Contactor Control              | Yes - up to 2A                             |
| Roller Shutter Mode            | No                                         |
| Device Overheating Protection  | Yes                                        |
| Overload Protection            | No                                         |
| Energy Consumption Measurement | Yes                                        |
| Number of Channels             | 2 channels (single-phase)                  |
| Operating Temperature          | From 0 to +40 °C                           |
| Device Energy Consumption      | Below 1 W                                  |
| Smart On/Off                   | Yes                                        |
| Local and Remote Control       | Yes                                        |
| "Sunrise/Sunset" Function      | Yes                                        |
| Weekly Schedule                | Yes                                        |
| UL Listed Option               | No                                         |
| Wi-Fi Protocol                 | 802.11 b/g/n                               |
| Wi-Fi Range                    | Up to 30 m indoors and up to 50 m outdoors |
| Dimensions                     | 39 x 36 x 17 mm                            |

### 50A Transformer

|              |        |
|--------------|--------|
| Manufacturer | Shelly |
| Accuracy     | 1%     |

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**Core** Ferrite core

**Electrical Strength** 3000VAC 1mA60s

**Inner Diameter** 11 mm

**Cable Length** 60 cm

**Load Resistance** 20Ω

**Primary Current** 50A

**Secondary Current** 16.67mA

**Saturation Current** ≥85A

**Dimensions** 23.5 x 41.5 x 26 mm

**Compatibility** Shelly EM

Net weight: 365, Box width: 6,50, Box height: 7,00, Box length: 7,50, Gross weight: 100, Moc zasilacza: Mains power, Connectivity: Wi-Fi, GPSR Link: [https://psr-assets.innpro.pl/smarthome/sg\\_smarthome\\_controls.pdf](https://psr-assets.innpro.pl/smarthome/sg_smarthome_controls.pdf)

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