



75 YEARS OF INNOVATION.

**Eltako**  
1949 - 2024

## MOBILE ENERGY METERS

OUR MOBILE ENERGY METERS MEASURE ENERGY CONSUMPTION DIRECTLY ON SITE!



# ★ FOOD TRUCK ★

FOOD BEVERAGES - EVENTS



#Music  
#Inspiration  
#Family  
#Travel  
#Food Truck



## MOBILE ENERGY METERS – THE VERSATILE QUICK PLUG-IN SOLUTION

With increasing electrical energy costs coupled with increasing requirements it is becoming more and more important to know the exact costs and use of energy more than ever before. Inside a building this can be accomplished by fixed meters, but what about outside?

From charging your car battery to temporary lighting rigs, temporary drying machines or outside catering wagons, energy use has a cost and an accurate bill is much better than an estimate for both parties.

ELTAKO presents the quick and easy solution for your temporary MID metering needs with its robust design and easy to read display, which can be used again and again.

**MOBILE SINGLE-PHASE ENERGY METER WSZ110DSS-16A MID AND  
MOBILE SINGLE-PHASE ENERGY METER WSZ110DSS-16A+PRCD MID**



Manuals and documents in further languages:  
[https://eltako.com/redirect/WSZ110DSS-16A\\_MID](https://eltako.com/redirect/WSZ110DSS-16A_MID)



Manuals and documents in further languages:  
[https://eltako.com/redirect/WSZ110DSS-16A+PRCD\\_MID](https://eltako.com/redirect/WSZ110DSS-16A+PRCD_MID)

## WSZ110DSS-16A MID

**NEW** **MID**

**Mobile single-phase energy meter with German type plug and coupling (Type F).  
Suitable for indoor and outdoor use. Maximum current 16 A, Standby loss 0,4 watt only.**

Housing dimensions 110x70x35 mm, connection cable 1.5 m (including plug and coupling).

Accuracy class B (1%).

This mobile single-phase energy meter measures active energy by means of the current between input and output. The internal power consumption of 0.4 watt active power is neither metered nor indicated.

**Every 30 seconds, the display switches for 5 seconds from the accumulated active energy in kWh to the momentary consumption in watts.**

The start current is 20 mA.

The display can only be read when the power supply is on. However, the consumption is saved to a non-volatile memory and is displayed immediately after a power failure.

The digital display has 7 digits.

Two decimal places are indicated up to 99999.99 kWh.

Above 100000.0 kWh there is only one decimal place.

Power consumption is shown by a LED flashing at a rate of 2000 times per kWh.

|               |   |                   |              |
|---------------|---|-------------------|--------------|
| WSZ110DSS-16A | Mobile single-phase energy meter with MID | Art. No. 28016110 | 106,30 €/pc. |
|---------------|---|-------------------|--------------|

## WSZ110DSS-16A+PRCD MID

**NEW** **MID**

**Mobile single-phase energy meter with German type plug and coupling (Type F).  
With additional residual current circuit breaker PRCD 30 mA. Suitable for indoor and outdoor use.  
Maximum current 16 A. Standby loss 0.4 watt only.**

Housing dimensions 110x70x35 mm, connection cable 1.5 m (including plug and coupling).

Accuracy class B (1%).

This mobile single-phase energy meter measures active energy by means of the current between input and output. The internal power consumption of 0.4 watt active power is neither metered nor indicated.

**Every 30 seconds, the display switches for 5 seconds from the accumulated active energy in kWh to the momentary consumption in watts.**

The start current is 20 mA.

The display can only be read when the power supply is on. However, the consumption is saved to a non-volatile memory and is displayed immediately after a power failure.

The digital display has 7 digits.

Two decimal places are indicated up to 99999.99 kWh.

Above 100000.0 kWh there is only one decimal place.

Power consumption is shown by a LED flashing at a rate of 2000 times per kWh.

**The personal protection intermediate switch PRCD** detects fault currents that occur, for example, when a faulty electrical device is touched, and interrupts the current so quickly that life-threatening accidents can be prevented. It also has an undervoltage release that switches off in the event of a mains voltage failure. With function indication and test button.

|                    |   |                   |              |
|--------------------|---|-------------------|--------------|
| WSZ110DSS-16A+PRCD | Mobile single-phase energy meter personal protection intermediate switch PRCD, with MID | Art. No. 28016112 | 206,20 €/pc. |
|--------------------|---|-------------------|--------------|

# MEASURING INSTRUMENTS DIRECTIVE MID

On 31.04.2004, the European Parliament and the Council adopted the European Measuring Instruments Directive (MID) 2004/22/EC. The MID came into force in all member states of the EU and in Switzerland on 30.10.2006.

The 10 types of measuring instruments also include active electrical energy meters.

**The MID replaces previous regulations on national approval and subsequent calibration in the domestic, trade and light industry sectors.**

A manufacturer's Declaration of Conformity was produced based on this new directive.

There is a type examination certificate or pattern examination certificate for each type.

**The MID regulates the following:**

- the technical requirements (standard series DIN EN 50470-1/-3)
- the conformity assessment procedure
- the putting into use of measuring instruments
- marking the measuring instruments
- market surveillance

**National law continues to regulate the following:**

- recalibration
- calibration validity
- charges

When an MID instrument is put into use, we declare conformity with the MID in the operating instructions. The number of the type examination certificate is also quoted there.

## THE DEVICE BEARS THE MID CONFORMITY MARK THAT CONSISTS OF:



The year after the year of putting into use defines the recalibration time.

The period of calibration validity depends on the prevailing national law. In Germany, this is 8 years and can then be extended by a further 8 years by a state certified inspection body, i.e. not the manufacturer.

**MID meters require no subsequent calibration with calibration mark. Instead, they are the equivalent of calibrated meters as a result of MID testing and an EU Declaration of Conformity from the manufacturer.**

MOBILE SINGLE-PHASE ENERGY METER WSZ110CEE-16A MID AND  
MOBILE SINGLE-PHASE ENERGY METER WSZ110CEE-16A+PRCD MID



Manuals and documents in further  
languages:  
[https://eltako.com/redirect/  
WSZ110CEE-16A\\_MID](https://eltako.com/redirect/WSZ110CEE-16A_MID)

## WSZ110CEE-16A MID

NEW MID

**Mobile single-phase energy meter with CEE plug and CEE coupling. Suitable for indoor and outdoor use. Maximum current 16 A. Standby loss 0,4 watt only.**

Housing dimensions 110x70x35 mm, connection cable 1.5 m (including plug and coupling).  
Accuracy class B (1%).

This mobile single-phase energy meter measures active energy by means of the current between input and output. The internal power consumption of 0.4 watt active power is neither metered nor indicated.  
**Every 30 seconds, the display switches for 5 seconds from the accumulated active energy in kWh to the momentary consumption in watts.**

The start current is 20 mA.

The display can only be read when the power supply is on. However, the consumption is saved to a non-volatile memory and is displayed immediately after a power failure.

The digital display has 7 digits.

Two decimal places are indicated up to 99999.99 kWh.

Above 100000.0 kWh there is only one decimal place.

Power consumption is shown by a LED flashing at a rate of 2000 times per kWh.

|               |   |                   |              |
|---------------|---|-------------------|--------------|
| WSZ110CEE-16A | Mobile single-phase energy meter with MID | Art. No. 28016111 | 107,40 €/pc. |
|---------------|---|-------------------|--------------|



Manuals and documents in further  
languages:  
[https://eltako.com/redirect/  
WSZ110CEE-16A\\*PRCD\\_MID](https://eltako.com/redirect/WSZ110CEE-16A*PRCD_MID)

## WSZ110CEE-16A+PRCD MID

NEW MID

**Mobile single-phase energy meter with CEE plug and CEE coupling. With additional residual current circuit breaker PRCD 30 mA. Suitable for indoor and outdoor use. Maximum current 16 A. Standby loss 0,4 watt only.**

Housing dimensions 110x70x35 mm, connection cable 1.5 m (including plug and coupling).  
Accuracy class B (1%).

This mobile single-phase energy meter measures active energy by means of the current between input and output. The internal power consumption of 0.4 watt active power is neither metered nor indicated.  
**Every 30 seconds, the display switches for 5 seconds from the accumulated active energy in kWh to the momentary consumption in watts.**

The start current is 20 mA.

The display can only be read when the power supply is on. However, the consumption is saved to a non-volatile memory and is displayed immediately after a power failure.

The digital display has 7 digits.

Two decimal places are indicated up to 99999.99 kWh.

Above 100000.0 kWh there is only one decimal place.

Power consumption is shown by a LED flashing at a rate of 2000 times per kWh.

**The personal protection intermediate switch PRCD** detects fault currents that occur, for example, when a faulty electrical device is touched, and interrupts the current so quickly that life-threatening accidents can be prevented. It also has an undervoltage release that switches off in the event of a mains voltage failure. With function indication and test button.

|                    |   |                   |              |
|--------------------|---|-------------------|--------------|
| WSZ110CEE-16A+PRCD | Mobile single-phase energy meter personal protection intermediate switch PRCD, with MID | Art. No. 28016113 | 202,40 €/pc. |
|--------------------|---|-------------------|--------------|



Manuals and documents in further languages:  
[https://eltako.com/redirect/DSZ180CEE-16A\\_MID](https://eltako.com/redirect/DSZ180CEE-16A_MID)

## DSZ180CEE-16A MID

**NEW** **MID**

**Mobile three-phase energy meter with CEE plug 16 A and CEE coupling 16 A. Suitable for indoor and outdoor use. Maximum current 16 A, standby loss 0.5 watt per path only.**

Housing dimensions 180x86x82 mm, connection cable 1.5 m (including plug and coupling).

Accuracy class B (1%).

This mobile three-phase energy meter measures active energy by means of the current between input and output.

The internal power consumption of max. 0.5 watt active power per path is neither metered nor indicated. The inrush current is 40 mA.

The display can only be read when the power supply is on. However, the consumption is saved to a non-volatile memory and is displayed immediately after a power failure.

The digital display has 7 digits. Two decimal places are indicated up to 99999.99 kWh.

Above 100000.0 kWh there is only one decimal place.

Power consumption is shown by a LED flashing at a rate of 100 times per kWh.

|                      |   |                          |                     |
|----------------------|---|--------------------------|---------------------|
| <b>DSZ180CEE-16A</b> | Mobile three-phase energy meter, with MID | <b>Art. No. 28016128</b> | <b>213,70 €/pc.</b> |
|----------------------|---|--------------------------|---------------------|



Manuals and documents in further languages:  
[https://eltako.com/redirect/DSZ180CEE-32A\\_MID](https://eltako.com/redirect/DSZ180CEE-32A_MID)

## DSZ180CEE-32A MID

**NEW** **MID**

**Mobile three-phase energy meter with CEE plug 32 A and CEE coupling 32 A. Suitable for indoor and outdoor use. Maximum current 32 A, standby loss 0.5 watt per path only.**

Housing dimensions 180x86x82 mm, connection cable 1.5 m (including plug and coupling).

Accuracy class B (1%).

This mobile three-phase energy meter measures active energy by means of the current between input and output.

The internal power consumption of max. 0.5 watt active power per path is neither metered nor indicated. The inrush current is 40 mA.

The display can only be read when the power supply is on. However, the consumption is saved to a non-volatile memory and is displayed immediately after a power failure.

The digital display has 7 digits. Two decimal places are indicated up to 99999.99 kWh.

Above 100000.0 kWh there is only one decimal place.

Power consumption is shown by a LED flashing at a rate of 100 times per kWh.

|                      |   |                          |                     |
|----------------------|---|--------------------------|---------------------|
| <b>DSZ180CEE-32A</b> | Mobile three-phase energy meter, with MID | <b>Art. No. 28032128</b> | <b>225,50 €/pc.</b> |
|----------------------|---|--------------------------|---------------------|



#### Technical support:

+49 711 943 500 25 ✉ [technical-support@eltako.de](mailto:technical-support@eltako.de)

#### Commercial support:

+49 711 943 500 00 ✉ [export@eltako.de](mailto:export@eltako.de)



**ELTAKO GmbH**

Hofener Straße 54  
D-70736 Fellbach

+49(0)711 943 500-00  
[eltako.com](http://eltako.com) [tap-radio.com](http://tap-radio.com)

  
**enocean®**  
 THE UNIQUE WIRELESS PROFESSIONAL  
 SMART HOME STANDARD