



# **VOLTCRAFT®**

## **VOLTCRAFT® - TOP PERFORMANCE IN EVERY WAY**

“Since 1982, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft’s success.”

# **SBC-500** **ENERGY COST** **MEASURING INSTRUMENT**

**Nº 12 54 19**

**CE**

VERSION 12/21

Planning, calculating and controlling costs – the SBC-500 manages all this reliably. The power consumed by appliances in stand-by operation is often higher than expected. With this measuring instrument, consumption is registered and displayed on the LC display from as little as 0.05 W. Based on the entered electricity rates the measurement instrument determines the accrued electricity costs of the connected consumer load. Now you can, without unnecessary switching, immediately see how much the operation of an electrical appliance actually costs.

## **HIGHLIGHTS**

**Measurement of active power (W), apparent power (VA) and power consumption (kWh) in stand-by operation //**

**Consumption indicator from 0.05 W //**

**High resolution of 0.01 W //**

**Suitable for checking EuP specifications //**

**Easily operable via 3 buttons //**

**Battery for data backup included //**

**Tarif setting function for energy cost calculation //**

**Energy cost outlook per month or year //**



# GENERAL SPECIFICATIONS

**OPERATING VOLTAGE:** 230 V/AC, 50 Hz **TYPE OF BATTERY:** 2 x 1.5 V button cell battery (LR44) **RESOLUTION:** 0.01 W (< 20 W) / 0.1 W ( $\geq$  20 W) **MAX. CURRENT / POWER / VOLTAGE:** 5 A, 1150 W, 230 V **WEIGHT:** 156 g **DIMENSIONS (W x H x D):** 54 x 133 x 61 mm

## TECHNICAL DATA

Parameter	Value	Accuracy*
Overvoltage category:	CAT II (250 V)	---
Own consumption:	< 1 W	---
Mains frequency:	40 - 70 Hz	---
Min. measurable power:	0.05 W (0.0002 A)	---
Measurement / display range active power:	0.05 W - 2 W	$\pm$ (5 % / 0.05 W)
	2 W - 500 W	$\pm$ 3 %
Display range kWh:	0 - 9999 kWh	$\pm$ 3 %
Operating temperature:	+5 °C to +40 °C	---
Operating air humidity:	max. 90 % RH	---
Operating height:	max. 2000 m	---
Fuse type:	T5H250V	---

\*Accuracy is given under the following conditions:

Mains frequency:	45 - 65 Hz
Room temperature:	23 °C $\pm$ 5 °C
Total Harmonic Distortion (THD):	< 15 %
Load current:	$\geq$ 1 A, sinusoidal, 50 - 60 Hz

## PACKAGE CONTENT

Measuring instrument // 2 x button cell batteries LR44 // Operating instructions

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