



VOLTCRAFT®

VOLTCRAFT® - TOP PERFORMANCE IN EVERY WAY

“For more than 25 years, 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 07/10

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

This data sheet is published by Voltcraft®, Lindenweg 15, D-92242 Hirschau / Germany, Phone +49 180 586 582 7. The data sheet reflects the current technical specifications at time of print. We reserve the right to change the technical or physical specifications.