



# ***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."

# **POWERLINE ENERGY COSTS METER**

**CE**

VERSION 03/16

**Nº 1390997 (D) / 1390998 (FR) / 1391001 (UK) / 1391002 (CH)**

The energy costs meter is intended for measuring and analysing consumption data of electric products. The meter is to be installed between wall socket and electric appliance and is controlled via an app (application) downloaded from the Internet. The device must only be used with a normal isolated ground receptacle in your home. The product serves as an expansion of an existing Powerline-network.

## **HIGHLIGHTS**

**For expansion of existing Powerline-network //**

**Display of data on mobile devices //**

**Energy consumption in kWh and  
display of the current energy cost //**

**Timer function with random generator //**

**Graphical presentation //**

**4 currencies to choose //**



# TECHNICAL DATA

Operating voltage	230 V/AC 50 Hz (D/FR/CH) 220 - 240 V/AC 50 Hz (UK)
Self power consumption	switched off <1.5 W / switched on <2.0 W
Max. power/current	resistive load: 3680 W / 16 A (D/FR), 3120 W / 13 A (UK), 2300 W / 10 A (CH) inductive load: 1150 W (230 V/AC, 5 A)
Voltage measuring range	190 – 265 V / +/- 1 % of the current value
Frequency measuring range	46 - 65 Hz
Current resolution	0.001 A (16.00 A)
Power measuring range	0.23 - 3680 W
Efficiency factor measuring range	0.01 - 1.00
Performance factor resolution	0.01
GHG/CO <sub>2</sub> measuring range	0.001 - 39999.9 kg
GHG/CO <sub>2</sub> resolution	0.001 kg
Measuring time range	0 hour 0 min. - 9999 h 59 min.
Overload limit setting range	1 - 3699 W
Currency	€, \$, £, CHF
Rate resolution	0.001
Operating conditions	+5 to +40 °C, 10 – 90 % RH (non-condensing) Operating height: max. 2000 m (above sea level)
Storage conditions	-10 to +60 °C, 10 – 90 % RH (non-condensing)
Dimensions (W x H x D)	70 x 127 x 80 mm
Weight	approx. 170 g

Home plug	
Standard	IEEE 1901, home plug AV compatible
Connection option	max. 8 energy costs meters
Media access	CSMA/CA
Supported standard	IPv4/MLDv2
Accuracy (at 23°C (+/- 5°C)) at harmonic distortion of <15%	
Voltage	+/- (1 % + 1 count)
Current	+/- (1 % + 5 count)
Power	+/- (1 % + 1 count)
System/device requirements	
Apple iOS	iPhone 4s/5/5C/5S/6/6S, iPod touch 5th generation, iPad 3/4/Air/mini
Android	version 4.3 and later

## PACKAGE CONTENT

Energy costs meter // Operating instructions

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