

VOLTCRAFT - TOP PERFORMANCE IN EVERY WAY

For more than 40 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.

SEM6500 **Wi-Fi Energy Consumption** **Meter**

CE

Item no: 2997534

The SEM6500 is an energy consumption meter with one receptacle to power and monitor 220 - 240 V/AC mains appliances. The energy consumption meter can be connected to the Tuya cloud via 2.4 GHz Wi-Fi and remotely monitored using compatible Android and iOS mobile apps.



FEATURES

220 – 240 V/AC, max. 16 A // Wi-Fi 2.4 GHz connectivity // Tuya cloud connectivity // Android and iOS mobile app control // Colour coded LED performance indicator lights // Enhanced protection against accidental contact

TECHNICAL DATA

Rated Input	220 – 240 V/AC, 50 Hz, 16 A
Overcurrent protection	16.8 A (± 2 %)
Standby power consumption	Off: max 1.2 W; On max. 1.5 W
Protection class	I
Enhanced protection against accidental contact	Yes
Wi-Fi frequency	IEEE 802.11b/g/n 2.4 GHz (2.402 - 2.480 GHz)
Wi-Fi encryption	WPA,WPA2,WPA/WPA2
Wi-Fi range	max. 30 m
Wi-Fi modes	SmartConfig, AP
Output power	max. 16 dBm
Operating conditions	0 to +40 °C, 10 – 90 % RH non-condensing
Storage conditions	-10 to +70 °C, 5 – 90 % RH, non-condensing
Weight	approx. 90 g
Dimensions (W x H x D)	55 x 55 x 72 mm

Measuring:

	Range	Subrange	Tolerance
Power	0 - 4113 W	<1 W	± 0.23 W
		1 to <5 W	± 10 %
		5 to ≤ 10 W	± 2 %
		>10 W	± 1 %
Power factor	0 – 1	<15 W	± 20 %
		≥ 15 W	± 2 %

CONTENTS

2x Energy consumption meter // Operating instructions

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