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“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.”

PI-75 CAR INVERTER



VERSION 12/21

Nº 1591445

The inverter converts the DC output voltage of a cigarette lighter socket (10.5 to 15 V/DC) in a car into an AC voltage (of approx. 220 - 240 V/AC). This enables the connection of different types of AC-operated consumers to a car battery via an earthing contact socket outlet. The AC voltage available is intended for the operation of devices of protection class I and II. It must be ensured, however, that only the prescribed input voltage is used and/or that the maximum output power is not exceeded. The maximum continuous power is 75 W. A USB charging port provides a charging station for compatible USB devices such as mobile devices or power banks. The inverter is equipped with technical features such as automatic shut-off in the case of undervoltage or overvoltage, overload or short circuit as well as overheat protection. The fuse protects the product in the event of reversed polarity of the input voltage.

This product is intended for indoor use only. Do not use it outdoors. Contact with moisture (e.g. in bathrooms) must be avoided under all circumstances.

HIGHLIGHTS

Inverter for connection to a 12 V/DC cigarette lighter on vehicle systems //

Overvoltage, overload and overheat protection for optimal efficiency and safety //

Replaceable fuse for reverse polarity protection //

TECHNICAL DATA

Input voltage/current	10.5 - 15 V/DC, 10 A
Output voltage/current	220 - 240 V/AC (± 10 V), 50 Hz (± 3 Hz), 0.68 A
Output power	75 W (continuous operation)/150 W (short-term peak)
USB voltage/current	5 V/DC, 2.1 A
Fuse	10 A
Signal output	Modified sine wave (—□—□—□)
No-load current	≤ 0.2 A
Degree of effectiveness	≥ 90 %
Low voltage shut-off	10 ± 0.5 V/DC
Operating conditions	0 to +30 °C at 100 % (full load) and to +40 °C at 50 % (load), 20 - 90 % relative humidity, non-condensing
Storage conditions	-30 to +70 °C, 10 - 95 % relative humidity, non-condensing
Dimensions (W x H x D)	70 x 160 x 54 mm
Weight	240 g \pm 10 g



PACKAGE CONTENT

Inverter module // 1x replacement fuse // Operating instructions //

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