



EPS - Datasheet

Series EPS/K/E

The microprocessor controlled Converter »EPS/K(Tower K010 until K200), /E (Rack E010 until E100)« of EPS Electronic Power Supplies provides a pure sine wave output. There are stationary units with an output between 480W until 6000W available. The output frequency with 50 or 60Hz is fixed factory-provided. The LCD display indicates the parameters, the pre-regulation as well the failure codes. A short-circuit e.g. effect the disconnection and a signaling over the display. The units have a total efficiency up to 90%. Common application fields are simulations of the electrical system to the testing according to customer conditions, power grid adjustment to the power supply on industry plants and chokes to the conversion of the 50/60Hz frequency.

The display for the input and output voltage refers to the internal pre-regulation. Voltage adjustments in the input or output are not displayed.

The idle voltage is nominal secondary voltage + 6%.

In the EPS/K series, the 115VAC voltage is realized with a isolating transformer and is available as a tower housing. The EPS/E series runs without an output transformer and is available as a rack version or with tower housing.

Energy efficiency: New switching technology, high efficiency

Scope of delivery:

Converter

Operation Manual

EPS/K 060230230 AC/AC Frequency Converter



EPS/K 480-2400W Tower

General data

Mains	230 VAC +-15%
Input frequency	50/60 Hz
Power factor	Standard
Display	Digital LCD
Cooling	Fan
Operation temperature	0-40°C
Humidity	20-90% n.c
Design	Tower
Standards	CE+EMC

Interfaces

USB Interface	Standard
RS232 Interface	Standard

Technical data

Output Voltage	230VAC +-3%
Output Power	6000 W
Crest factor	2.7
Distortion	<=2%
Output Frequency	50 Hz
Dimensions in mm (WxHxD)	250 x 576 x 592
Weight	30 kg

Technical data

Order code	123647
------------	--------

Option 2	Output frequency: 60 Hz
Option 3	UPS version



EPS/K 3600-10000W Tower

Subject to modification without notice, errors and omissions excepted

EPS Stromversorgung GmbH
 Electronic Power Supplies
 Alter Postweg 101, 86159 Augsburg/Germany
 Tel.: +49 (0) 821 570451-0
 E-mail: sales@eps-germany.de
 www.eps-germany.de