EPS - Datasheet

Series EPS/K

The microprocessor controlled Converter »EPS/K(R) (K010230230 until K200230230)« of EPS Electronic Power Supplies provides a pure sine wave output. There are stationary units with an output between 600VA and 20kVA 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.

As an option it is a transformer for the isolation available, which can be built-in the models EPS/K010230230 until K200230230. This serves also for the single-phase or three-phase voltage adaption at the input or output, e.g. 115V AC. The internal pre-regulation can be adjusted to 110/115/120/220/230 or 240V AC). Die display for the input and output voltage refers to the internal pre-regulation.

Energy efficiency: New switching technology, high efficiency

Scope of delivery:
Converter
Operation Manual

Series EPS/K

EPS/K 060230115
AC/AC Frequency Converter

EPS/K 600VA/6000VA (10kVA)

General datas

Mains	230 VAC +-15%
Input frequency	50 Hz
Power factor	Standard
Overheat protection	Standard
Cooling	Fan
Operation temperature	0-40°C
Humidity	20-90% n.c
Design	stand alone
Standards	CE+EMC

Interfaces

USB Interface	Standard
RS232 Interface	Standard

Technical datas

Output Voltage	115VAC +6%
Output Power	3600 VA (cos phi=0.8
Crest factor	2.7
Distortion	<=2%
Output Frequency	60 Hz
Dimensions in mm (WxHxD)	250 x 576 x 592

Series EPS/K

Technical datas

Weight	45kg
Order code	123665

Options

Option 1	Input frequency: 60 Hz
Option 2	Output frequency: 50 Hz
Option 3	Output voltage 110V
Option 4	Output voltage 120V
Option 5	USB version

EPS/R Converter -6kVA

Subject to modification without notice, errors and omissions exepted

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