



EPS - Datasheet

Series EPS/K 10/20

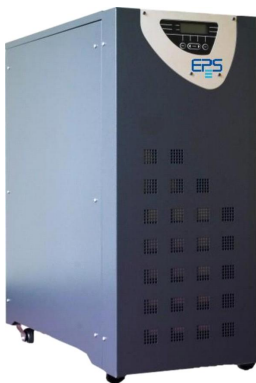
The microprocessor controlled Converter »EPS/K 10/20« of EPS Electronic Power Supplies provides a pure sine wave output. There are stationary units with an output between 10kVA and 20kVA available. The output frequency with 50 or 60Hz and the single phase output voltage with 220, 230 oder 240 VAC is fixed factory-provided. The LCD display indicates the input and output values 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% and are temporarily 1,5 times overload proofed (125% for 10'/150% for 10" max.). 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 frequency.

As an option are also converters with batteries (UPS), units with isolated transformers at the in-/output (also multiple output voltages) and special voltages as well output power up to 315 kVA 3-phases available.

Energy efficiency: New switching technology, high efficiency

Scope of delivery:
Converter
Operation manual

**EPS/K 200400220
AC/AC Frequency Converter**



EPS/K10-20 Front

General data

Mains	304-478 VAC (L1,L2,L3,N,PE)
Input frequency	50 Hz +-8%
Power factor	>=0.99
Display	Digital LCD
Overheat protection	Standard
Cooling	Fan
Operation temperature	0-40°C
Humidity	20-90% n.c
Attitude	1000m / NN
Design	Tower
Standards	2006/95/CE,2004/108/CE,EN62040-3

Interfaces

USB Interface	Standard
RS232 Interface	Standard

Technical data

Output Voltage	220 VAC (L-N,PE)
Output Power	20000 VA
Crest factor	3:1
Distortion	2% linear
Output Frequency	60 Hz

Series EPS/K 10/20**Technical data**

Frequency Accuracy	+/- 0,2%
Efficiency	<89%
Dimensions in mm (WxHxD)	250 x 826 x 627
Weight	50 kg
Order code	123993

Options

Option 1	Input frequency 60 Hz EPS/K IN 60 Hz
Option 2	Output frequency 50 Hz EPS/K OUT 50 Hz
Option 3	UPS version
Option 4	Output Voltage 230V orr 240V EPS/K OUT 230/240

Subject to modification without notice, errors and omissions exepted

EPS Stromversorgung GmbH
Electronic Power Supplies
Alter Postweg 101 86159 Augsburg
Tel.: +49 (0) 821 570451-0
Fax.: +49 (0) 821 570451-25
E-mail: info@eps-germany.de
www.eps-germany.de