



EPS - Datasheet

Series EPS/AC

The AC/AC Frequency Converter »EPS/AC« of EPS Electronic Power Supplies are extreme reliable and are used for inductive and capacitive loads. The applications are i.e. to simulate single- or three-phase AC grids by providing an adjustable voltage, current and frequency. The units in switching or linear technology are available as single phase from 500 VA until 30000 VA. Systems with three-phase output are available upon request.

The electronically converted and stabilized output voltage of the AC source is isolated from the input and is completely adjustable from 0 V to the maximum. All models are designed in full or half 19" rack mount enclosures or cabinets.

All models offer the digital interfaces RS232 and RS485 for standard for remote control and monitoring or for synchronization and connection between other units (3-phase-operation). Three-phase variants can be additionally equipped with an option GPIB interface. As options an extension of the voltage up to 600 V and a frequency up to 999 Hz are available.

Energy efficiency: High efficiency at the switching types

Scope of delivery:
Converter
Operation Manual

EPS/AC300-25-3000 AC/AC Frequency Converter



EPS/AC 300_09uh

General datas

Technology	Switching
Operation modes	CV,CC
Mains	230 VAC +-10%
Input frequency	50/60Hz
Display	Digital LED
Voltage accuracy	+-.0.2%read
Voltage Stability Load	+-.0,2% (0-100%)
Overheat protection	Standard
Cooling	Fan
Operation temperature	0-45°C
Humidity	10-90%
Design	9,5 inch

Interfaces

RS232 Interface	Standard
RS485 Interface	Standard
GBIP Interface	EPS/ACP-IEEE

Technical datas

Output Voltage	0-300 VAC
Output Current	25A @ <150V/12,5A @ >150
Output Power	3000 VA
Crest factor	1,414

Technical datas

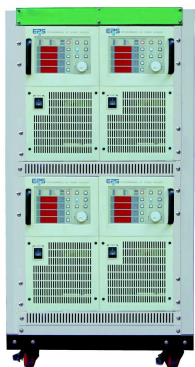
Distortion	<0,2%/120V
Output Frequency	45-450Hz
Efficiency	>85%
Dimensions in mm (WxHxD)	9,5" x 400 x 550
Weight	68kg
Article number	123690

Options

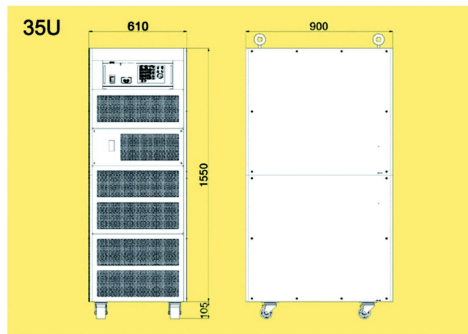
Option 1	3 phase operation EPS/AC-CPC303
Option 2	Frequency range <1000Hz EPS/AC-F1
Option 3	Voltage 600V EPS/AC-OPT04



EPS/AC 300_19u



EPS/AC 300_3ph



EPS/AC 300_35u_dim

Subject to modification without notice, errors and omissions excepted

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