

# PROTECT ALPHA

UNINTERRUPTIBLE POWER SUPPLY

Type rating 450 VA – 1200 VA



VI

## Uninterruptible power and protection

Protect your system against loss of data when it matters with an uninterruptible power supply. The Protect alpha series offers effective and economical data protection during power failure, dangerous power surges and voltage fluctuations.

Protect alpha proves itself in critical situations with its high availability due to a sturdy overload and excess voltage protection, as well as a wide input voltage range.

## Strong reliability for various applications

The reliable "One-Board-Design" and its strong case makes the Protect alpha the perfect power solution for rough environments. With its easy control and compact dimensions it can be used in various applications. All models are characterized by their microprocessor control, an automatic voltage regulation and their deep discharge protection.

## Protection against power failure and voltage fluctuations

- » Modern VI (line-interactive) technology against power failure and dangerous overvoltage
- » Automatic voltage regulation against mains voltage deviations (AVR)
- » Easy installation ensured by cables supplied and optimum operation
- » Use of sealed, maintenance-free lead-acid batteries with exhaustive discharge protection
- » USB port communication interface
- » Fully fledged "CompuWatch" plug & play software
- » Data line protection for phone, fax and modem (RJ11)
- » Compact dimensions and light weight

# PROTECT ALPHA

SPECIFICATION

<b>Classification VI SY 322 acc. to IEC 62040-3</b>	alpha 450	alpha 600	alpha 800	alpha 1200
<b>Type rating</b>	450 VA	600 VA	800 VA	1200 VA
	240 W	360 W	480 W	600 W
<b>UPS INPUT</b>				
<b>Nominal connection voltage</b>	230 VAC			
<b>Voltage range without battery operation</b>	170 – 280 VAC			
<b>Frequency (automatic detection)</b>	50 Hz / 60 Hz ±5 Hz			
<b>UPS OUTPUT</b>				
<b>Rated output voltage / AVR technology</b>	230 VAC			
<b>Rated output voltage in battery operation</b>	±10 %			
<b>Frequency in battery operation</b>	50 Hz / 60 Hz ±1 Hz			
<b>Nominal output current (at 230 VAC)</b>	2 A	2.6 A	3.5 A	5.2 A
<b>Changeover time in the event of mains failure</b>	4 – 8 ms (typical)			
<b>Voltage curve</b>	Modified sine wave			
<b>Overload protection</b>	Yes			
<b>BATTERY</b>				
<b>Type</b>	Sealed, maintenance-free			
<b>Autonomy time at 120 W</b>	~5 min.	~10 min.	~15 min.	~20 min.
<b>Exhaustive discharge protection / protection against excess load</b>	Yes			
<b>Charging time (to 90 % of rated capacity)</b>	6 h			
<b>COMMUNICATION</b>				
<b>Interfaces</b>	USB			
<b>Indicator</b>	AC mode, battery mode			
<b>Audible alarms</b>	Backup mode, low battery, overload, fault			
<b>Status display</b>	LED display			
<b>GENERAL DATA</b>				
<b>Inherent noise (1m distance)</b>	<40 dB(A)			
	Fanless			
<b>Operating temperature range</b>	0° – 40°C			
<b>Relative humidity</b>	0 – 90 % (without condensation)			
<b>Load outputs</b>	4 x IEC 320 C13		6 x IEC 320 C13	
<b>Overvoltage protection for data lines</b>	RJ11 (phone, fax, modem)			
<b>Housing color</b>	Blackline			
<b>Dimensions approx. W x H x D (mm)</b>	100 x 143 x 278		139 x 195 x 365	
<b>Weight approx.</b>	3.5 kg	4.4 kg	5.0 kg	8.6 kg
<b>Scope of delivery</b>	Mains connection, management software "CompuWatch" (CD), 1 device connecting cable, 1 USB cable, operating instructions			

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## AEG Power Solutions

Approach your local AEG Power Solutions representative for further support. Contact details can be found on:

[www.aegps.com](http://www.aegps.com)

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