

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

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

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AEG Power Solutions

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