

AEG

Power supply systems

PROTECT A.

**Uninterruptible security for
PCs, workstations and
telephone systems.**



Optimally protect your system against loss of data where it matters with an uninterruptible power supply. Thanks to its wide power range of 500 VA to 1400 VA the PROTECT A. series offers effective and economical data protection during power failure, dangerous power surges and voltage fluctuations.

PROTECT A. proves itself in critical situations with its high availability due to a sturdy overload and excess voltage protection as well as a wide voltage range.

Easy handling: A clear "One-Board-Design" as well as front LEDs clearly inform about the most important aspects of the operating status. The easy handling is complemented by an acoustic alarm, an automatic 50 / 60 Hz recognition and last but not least it can be used immediately as a result of the cable set supplied.

USB and RS232 connection

for easy control: All functions are micro-processor controlled, permanently monitored and are available as measurements and messages – because PROTECT A. can communicate via a RS232 respectively USB connection with a PC or Mac. In connection with the special shutdown software the most important operating systems can be automatically powered down in the case of a longer power failure.



Shutdown and reboot-software "CompuWatch" on CD for the most important operating systems like Windows, Mac and Linux is included.

Protection against power failure and voltage fluctuations:

- Modern VI (line-interactive) technology against power failure and dangerous excess voltage
- Automatic voltage pre-regulation against voltage fluctuation (AVR)
- Double network filter against power surges
- Simple installation with the cables supplied and optimal operation
- Hot-swappable battery design
- USB-connection and RS232 interface
- Data line protection for phone, fax and modem
- 24 months warranty with replacement service



>> PROTECT A.

| Classification VI SY 322 acc. to IEC 62040-3 | A. 500 | A. 700 | A. 1000 | A. 1400 |
|--|-----------------|-----------------|------------------|------------------|
| Type power | 500 VA 300 W | 700 VA 420 W | 1000 VA 600 W | 1400 VA 840 W |

UPS-input

| | | | | |
|--|-----------------------------|-------|---------------|-------|
| Input voltage | 220 Vac / 230 Vac / 240 Vac | | | |
| Input voltage range without battery mode | 150 - 280 Vac | | 170 - 280 Vac | |
| Frequency (auto selection) | 50 Hz / 60 Hz \pm 5 Hz | | | |
| Current consumption (max.) | 3.3 A | 4.6 A | 6.6 A | 9.2 A |

UPS-output

| | | | | |
|--------------------------------------|-----------------------------|-------|-------|-------|
| Rated output voltage /AVR-technology | 220 Vac / 230 Vac / 240 Vac | | | |
| Rated output voltage in battery mode | \pm 10 % | | | |
| Frequency in battery mode | 50 Hz / 60 Hz \pm 1 Hz | | | |
| Output current (at 230 Vac) | 2.2 A | 3.0 A | 4.3 A | 6.1 A |
| Transfer time at mains outage | 2-6 ms (typical) | | | |
| Voltage waveform | Modified sinewave | | | |
| Overload protection | yes | yes | yes | yes |

Battery

| | | | | |
|--|--|----------|----------|----------|
| Type | Sealed, maintenance free, hot swappable, A-Brand | | | |
| Autonomy time for 1 PC with 17" TFT | ~ 15 min | ~ 20 min | ~ 30 min | ~ 40 min |
| Overload / deep discharge protection | yes | yes | yes | yes |
| Recharge time (to 90% of rated capacity) | 8 h | | | |

Communication

| | | | | |
|---|--|--|--|--|
| Interfaces | USB and RS232 for status and measurement levels | | | |
| Shutdown software (on CD) | Included for all typical operating systems (e.g. Windows, Linux, Mac) | | | |
| Failure indicators (acoustical / optical) | Mains failure, overload, battery discharge, battery replace, failure LED bar graph for UPS load / battery capacity | | | |

General data

| | | | | |
|------------------------------|---|--------|-----------------|---------|
| Audible noise (1 m distance) | < 40 dB (A) | | < 45 dB (A) | |
| Operating temperature range | 0° - 40°C | | | |
| Humidity | 0 - 90 % (non condensing) | | | |
| Number of outlets | 3 x IEC 320 | | 4 x IEC 320 | |
| Equipment colour | Black line | | | |
| Size appr. W x H x D (mm) | 100 x 140 x 330 | | 140 x 180 x 370 | |
| Weight appr. (kg) | 6 kg | 6.5 kg | 14 kg | 14.5 kg |
| Shipment | Mains-cord, 2 load-cords, USB and RS232 communication cable, management software „CompuWatch“ (CD), user-manual CE | | | |
| Certification | CE | | | |

Specifications are subject to change without notice. AEG0206EN

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