

## PROTECT A

Compact Uninterruptible Power Supply  
from 500 – 1600 VA



Protect A is a uninterruptible power supply designed to provide mains power protection and battery back-up for desktop systems and network peripherals. The internal battery provides several minutes runtime when the mains power fails (load dependent). The system is designed for easy 'plug and play' installation.

Protect A is part of the AEG Power Solutions' intelligent and energy efficient 1-phase UPS range. The UPS features an informative front panel with two USB ports convenient for smartphone and tablet charging.

### Typical applications

- Standard office applications (PCs, workstations, retail terminals, etc.)
- Network and telecom peripherals
- Industry 4.0 data logging
- Internet of Things (IoT) devices
- TVs, satellite receivers and media systems

## FEATURES

- Easy to use informative front panel LCD display
- Percentage bars, graphic indicators and meters
- On/off, cancel audible alarm
- Two USB charging ports (5 V/2 A)
- 4 or 6 x IEC320 outputs with back-up power and over-voltage protection
- RJ45 Ethernet 1 Gigabit (1000 Mbit/s) surge protection
- RS232 and USB HID ports (software-free recognition)

## BENEFITS

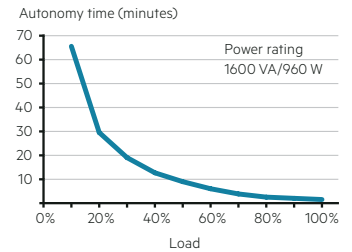
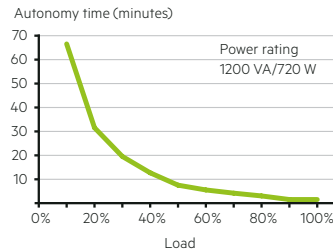
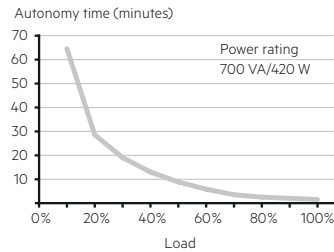
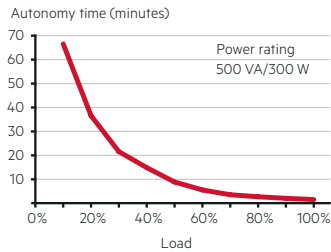
- **Line interactive VI technology**
- Automatic Voltage Regulator (AVR) **protects from brownouts, sags and surges**
- **Double mains filtering** from spikes and transient voltages
- **"Plug & Play" installation** with mains and output cables supplied
- Sealed lead-acid **maintenance free battery** with deep-discharge protection
- **Silent operation** (fan-less design\*) and auto restart on mains power return

\* Protect A 500 - 1200 VA



# Specifications

	PROTECT A 500	PROTECT A 700	PROTECT A 1200	PROTECT A 1600
Part number	6000021988	6000021990	6000021992	6000021993
Capacity	500 VA/300 W	700 VA/420 W	1200 VA/720 W	1600 VA/960 W
<b>INPUT</b>				
Voltage	230 VAC			
Voltage range	170-280 VAC			
<b>OUTPUT</b>				
Voltage	230 VAC			
Voltage regulation	± 10 % (Battery mode)			
Frequency range	50/60 Hz			
Frequency regulation	± 1 Hz (Battery mode)			
Transfer time	Typical 2 – 6 ms		Typical 4 – 8 ms	
Waveform	Modified sine wave			
<b>PROTECTION</b>				
UPS protection	Discharge, overcharge and overload protection			
<b>ENVIRONMENT</b>				
Humidity	0 – 90 % RH @ 0° – 40°C (non-condensing)			
Noise level	Less than 40 dB		Less than 45 dB	
<b>SOFTWARE</b>				
Shutdown software	WinPower (included)/HID			
<b>BATTERY</b>				
Type & quantity	12 V/7 Ah x 1	12 V/9 Ah x 1	12 V/7 Ah x 2	12 V/9 Ah x 2
Charging time	4 hour recovery to 90% capacity			
Backup time (approx. 100W)	17 min	22 min	45 min	55 min
<b>PHYSICAL</b>				
Indication	LCD display			
Outlets	3 x battery backed up + 1 x surge protected		4 x battery backed up + 2 x surge protected	
USB charger	DC 5.1V/2.0 amp max.			
Communication ports	USB port (HID), 1000 Mb ethernet surge protection			
Dimensions (D x W x H)	290 mm x 100 mm x 143 mm		360 mm x 139 mm x 195 mm	
<b>WEIGHT</b>				
Net weight	4.4 kg	5.2 kg	9.7 kg	10.7 kg



## 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)