

# AP2003 standard power supply

The AEOS AP2003 is an attractively priced and extremely reliable standard power supply. Depending on the peripherals that are connected, it is capable of supplying power to a number of AEOS modules.

- Complies with all relevant quality requirements and offers class 1 security
- Protected against short-circuit
- 110 - 240 VAC input voltage



### Power supply for multiple modules

The AP2003 is capable of powering multiple AEOS modules at the same time. The maximum quantity depends on the type of module and the peripheral equipment that is connected.

### Clear status indication

LED indicator lights clearly show all of the status information relevant to the AP2003.

### Ease of installation

After a simple basic training course, technicians are capable of installing the hardware and checking connection integrity. The AP2003 can be mounted on a DIN rail.

### Smart alternative; the AP2001

In addition to the AP2003 standard power supply, the AEOS range also includes the AP2001 microprocessor-controlled power supply module. This smart module provides a voltage supply to the connected modules, even when the mains power supply fails. The internal charger keeps the connected batteries charged and checks their condition at frequent intervals to ensure the availability of emergency power in all situations. Furthermore, the AP2001 monitors the power consumption of the connected modules and peripherals in order to give advance warning of potential malfunctions.

## Technical specifications

Dimensions	L x W x H: 230 x 126 x 70 mm
Weight	Approx. 0.7 kg
Housing	Aluminum and plastic
Power supply	110 - 240 VAC 50/60 Hz (max. 0.85 A @ 110 VAC), max. 0.5 A @ 230 VAC)
Power supply to external units	AEBus: 27 VDC, max. 1.3 A
Environmental conditions	Temperature range: Operation: 0 - 55 °C. Storage: -30 - 65 °C Relative humidity: 10 - 93% (non-condensing)
AEBus wiring	5 x 0.5 mm <sup>2</sup> , max. 5 m (shielded outside housing) 2 x 2 x 0.5 mm <sup>2</sup> shielded, max. 300 m using AX2002

## Article number

AP2003	9839720
AX2002	7818386 (AEBus extension set, increases AEBus distance to 300 m)