



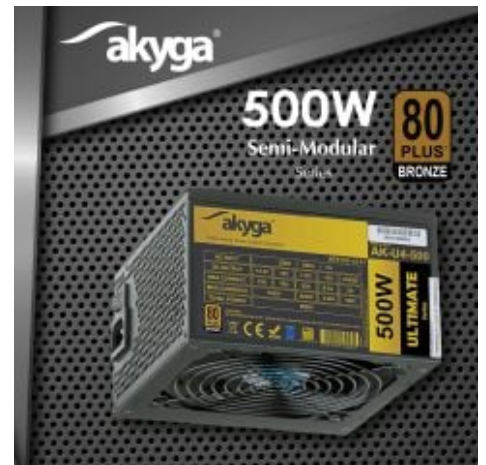
# Computer power supply

Model: **AK-U4-500**



|                                    |   |
|------------------------------------|---|
| Product code                       | AK-U4-500   |
| Product type                       | Computer power supply   |
| Format                             | ATX 2.31  |
| Series                             | Ultimate  |
| Responsible Entity                 | Akyga Europe Sp. z o.o., 52-200 Suchy Dwór, Wrocławska 1c, Polska/Poland, contact@akyga.com |
| Supply voltage                     | 230 V   |
| Power consumption                  | < 5 A   |
| Efficiency                         | > 80 %  |
| 80 PLUS compatibility              | Yes   |
| 80 PLUS certificate                | Bronze  |
| Current on the +3.3V rail          | 15 A  |
| Current on the +5V rail            | 15 A  |
| Maximum load on +3.3V and +5V line | 103 W   |
| Current on the +12V rail           | 35 A  |
| Maximum load on 12V line           | 420 W   |
| Maximum power                      | 500 W   |
| Mainboard Power Connector          | 24-pin  |
| Power connector ATX12V P4          | None  |
| Power connector EPS12V 8 pin       | 1 pc ( 4 + 4-pin )  |
| Power connector PCI-E 6 pin        | 1 pc  |
| Power connector PCI-E 6+2 pin      | 1 pc  |
| Power connector PCI-E 8 pin        | None  |
| Molex connector                    | 2 pcs   |
| Mini-Molex connector               | 1 pc  |
| SATA connector                     | 6 pcs   |
| Modular power supply               | No  |
| PFC filter                         | Active  |
| Mechanical switch                  | Yes   |
| Ground wire                        | Yes   |
| OVP                                | Yes   |
| OCP                                | Yes   |
| OPP                                | Yes   |
| OTP                                | Yes   |
| SCP                                | Yes   |
| UVP                                | Yes   |
| Power supply connector             | IEC C14   |
| Fan size                           | 120 mm  |
| Fan adjustments                    | Automatic   |
| Cable length                       | 45 - 75 cm  |

|                          |                                   |
|--------------------------|-----------------------------------|
| The cable plug #1        | Hybrid standard C/E/F ( CEE 7/7 ) |
| The cable plug #2        | IEC C13                           |
| Power cable included     | Yes                               |
| Material                 | Galvanized steel                  |
| Product color            | Black                             |
| MTBF                     | 100000 h                          |
| Temperature              | 5 - 50 °C                         |
| Package                  | EcoBox                            |
| Product size (L x W x H) | 140 x 150 x 85 mm                 |
| Package size (L x W x H) | 222 x 155 x 95 mm                 |
| Net weight               | 1.26 kg                           |
| Gross weight             | 1.33 kg                           |
| CE compatibility         | Yes                               |
| FCC compatibility        | No                                |
| RoHS compatibility       | Yes                               |
| REACH compatibility      | Yes                               |
| Included accessories     | Power cable                       |
| EAN code                 | 5901720134585                     |
| Warranty                 | 36 months                         |



# Description

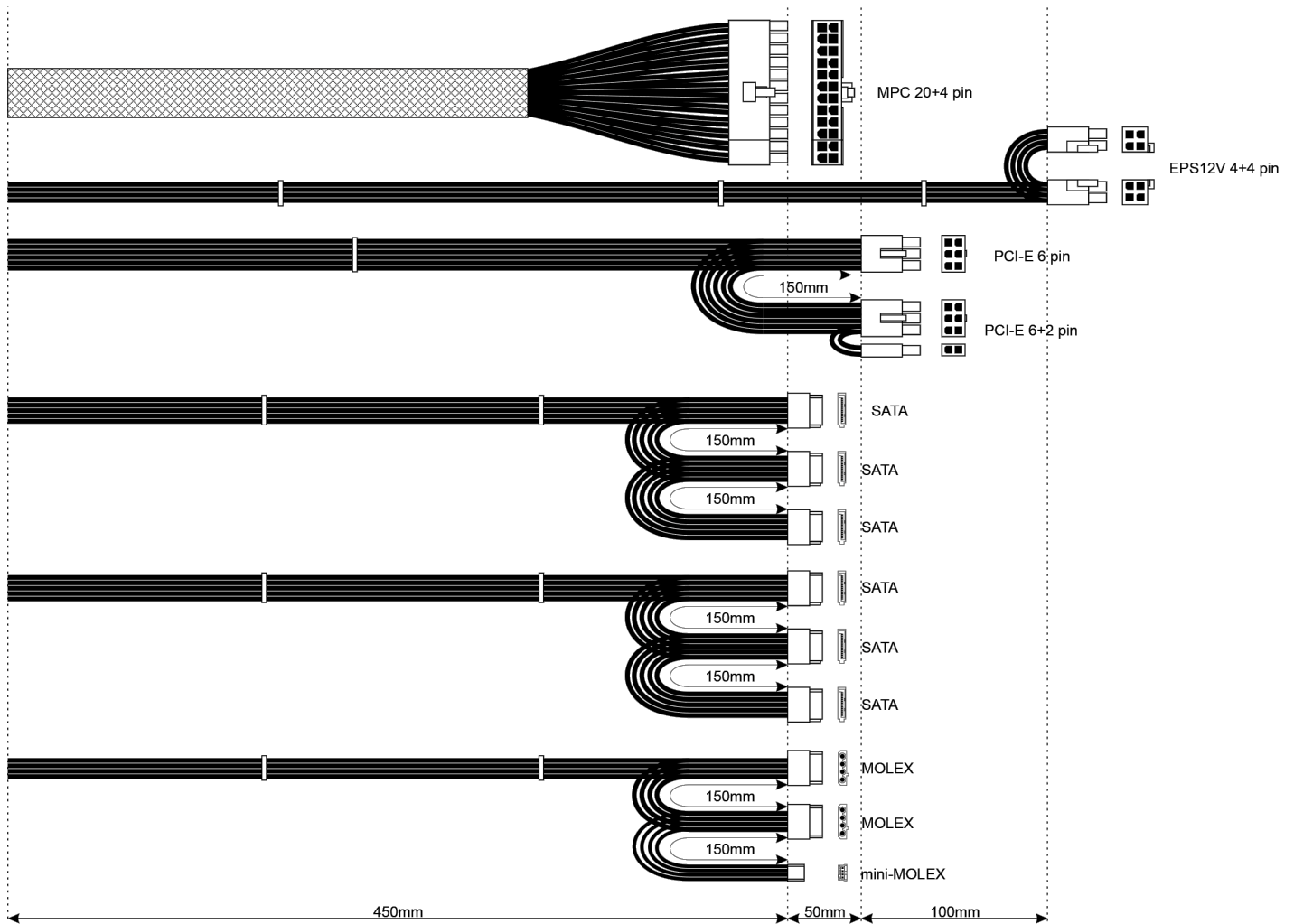
Akyga® **AK-U4-500** ATX power supply **Ultimate** series **500W**, compatible with **ATX 2.31** standard.

Advanced parameters allow for use in complex configurations. The power supply has **6 SATA** connectors, **2 MOLEX** connectors, **mini-MOLEX** connector, **PCI-E 6+2-pin** connector, **PCI-E 6-pin** connector, **EPS12V 4+4-pin** connector and a universal **24-pin** motherboard connector. Silent 12 cm fan with chromed grill provide efficient cooling. **Manual on/off switch** allows for safe power cut off without the need of disconnecting the network cord. High efficiency and stable operation of the power supply affects the reliability of all computer components.

Several important protectors (OVP, OCP, OPP, OTP, SCP, UVP) and **active PFC filter** protect and prevent main computer parts from damage and stabilize the operation of the power supply so that it works without any unwanted interference. **1 m** power cord included.

The guarantee of high efficiency is the **80 PLUS® certificate**, which ensures that at least 80% of the energy transferred by the power supply is received by the supplied components.

# Cable map



# Nameplate



Professional Power Supply Solutions

ATX12V v2.31

Model:

**AK-U4-500**

|              |                    |     |      |      |       |
|--------------|--------------------|-----|------|------|-------|
| AC INPUT     | 115/230V / 60/50Hz |     |      |      |       |
| DC OUTPUT    | +3,3V              | +5V | +12V | -12V | +5VSB |
| MAX CURRENT  | 15A                | 15A | 35A  | 0,3A | 2A    |
| MAX COMBINED | 103W               |     | 420W | 3,6W | 10W   |
| TOTAL POWER  | 500W               |     |      |      |       |

**CAUTION!**

Do not remove this cover. Trained service personnel only. No user serviceable parts inside.



EEB30R9  
Made in China

**500W**

**ULTIMATE**  
Series