

Computer power supply

Model: **AK-C2-600**





| Format | Product code | AK-C2-600 |
|--|--|-----------------------------------|
| Series Supply voltage 230 V 230 V 240 240 V 250 V 270 % 270 | Product type | Computer power supply |
| Supply voltage | Format | ATX 2.31 |
| Power consumption C 5 A | Series | Pro Modular |
| Efficiency > 70 % 80 PLUS compatibility Yes Current on the +3.3V rail 13 A Current on the +5V rail 13 A Maximum load on +3.3V and +5V line 600 W Current on the +12V rail 40 A Maximum power 600 W Mainboard Power Connector 20+4-pin None 90 None 70 None 10 None 90 None 70 None 10 N | Supply voltage | 230 V |
| Current on the +3.3V rail Current on the +5V rail Maximum load on +3.3V and +5V line Current on the +12V rail Maximum power Current on the +12V rail Maximum power Mainboard Power Connector Power connector ATX12V P4 Power connector EPS12V 8 pin Power connector PCI-E 6 pin Power connector PCI-E 6 pin Power connector PCI-E 8 pin Molex connector SATA connector Modular power supply PC filter Mechanical switch Ground wire More OVP Yes OVP SCP Ves OVP Fower supply connector Fan size IEC C14 Fan adjustments Automatic Cable length The cable plug #1 The cable plug #2 Power cable included Material Maximum not we sup and the solution of the s | Power consumption | < 5 A |
| Current on the +3,3V rail Current on the +5V rail Amaximum load on +3.3V and +5V line Current on the +12V rail Amaximum power Current on the +12V rail Amaximum power Amainbaard Power Connector Power connector ATX12V P4 Power connector EPS12V 8 pin Power connector PCI-E 6 pin Power connector PCI-E 6 pin Power connector PCI-E 8 pin Amainbaard Sarka Molex connector SATA connector SATA connector SATA connector Amainbaard Sarka Active Mechanical switch Fer filter Mechanical switch Ground wire Ves OVP Yes OVP Yes OVP Yes OVP Yes OVP Yes OPP Yes OVP Yes OVP Yes OVP Yes OVP SCP OVP Yes OVP Y | Efficiency | > 70 % |
| Current on the +5V rail Maximum load on +3.3V and +5V line Current on the +12V rail Maximum power Mainboard Power Connector Power connector ATX12V P4 Power connector EPS12V 8 pin Power connector PCI-E 6 pin Power connector PCI-E 8 pin Molex connector SATA connector Modular power supply PFC filter Mechanical switch Ground wire OVP Yes OVP OVP Yes OVP Yes OVP OVP Yes OVP Yes OVP OVP OVP OVP OVP OVP OVP OV | 80 PLUS compatibility | Yes |
| Maximum load on +3.3V and +5V line Current on the +12V rail 40 A 600 W 20+4-pin 70 Power connector ATX12V P4 Power connector ATX12V P4 Power connector PCI-E 6 pin Power connector PCI-E 6+2 pin Power connector PCI-E 8 pin None 3 pcs 5 pcs SATA connector SATA connector SATA connector SATA connector PCI-E 1 PCI-E | Current on the +3.3V rail | 13 A |
| Current on the +12V rail Maximum power Mainboard Power Connector Power connector ATX12V P4 Power connector EPS12V 8 pin Power connector PCI-E 6 pin Power connector PCI-E 6 pin Power connector PCI-E 8 pin Molex connector SATA connector SATA connector Mechanical switch Mechanical switch Ground wire OVP Yes OVP OVP Active Yes OVP Yes OVP Yes OVP OVP OVP OVP OND Power supply connector Fan size 120 mm Fan adjustments Cable length The cable plug #1 The cable plug #2 Material Galvanized steel | Current on the +5V rail | 13 A |
| Maximum power Mainboard Power Connector Power connector ATX12V P4 Power connector EPS12V 8 pin Power connector PCI-E 6 pin Power connector PCI-E 6 pin Power connector PCI-E 8 pin Molex connector SATA connector Modular power supply PFC filter Mechanical switch Ground wire OVP Yes OVP OVP OVP OVP OVP OVP OVP None IEC C14 IEC C15 IEC C13 IEC C14 IEC C14 IEC C14 IEC C14 IEC C14 IEC C14 IEC C15 IEC C14 IEC C15 IEC C15 IEC C16 IEC C16 IEC C16 IEC C16 IEC C17 IEC C | Maximum load on $+3.3V$ and $+5V$ line | 105 W |
| Mainboard Power Connector Power connector ATX12V P4 Power connector PCF512V 8 pin Power connector PCF6 pin Power connector PCF6 6 pin Power connector PCF6 6 pin Power connector PCF6 8 pin Power connector PCF6 8 pin Molex connector SATA connector SATA connector SATA connector PCF6 filter Mechanical switch Ground wire Ves OVP Yes OVP Yes OPP Yes OPP Yes OPP Yes UVP None Power supply connector Fan adjustments Cable length The cable plug #1 The cable plug #2 Material I pc (4 + 4-pin) None Power supply 2 pcs Sps Sps Sps Sps Sps Sps Sps Sps Sps Sp | Current on the +12V rail | 40 A |
| Power connector ATX12V P4 Power connector PCI-E 6 pin Power connector PCI-E 6 pin Power connector PCI-E 6 pin Power connector PCI-E 8 pin Power connector PCI-E 8 pin Molex connector SATA connector SATA connector SATA connector SATA connector PCI-E 8 pin Modular power supply Semi-modular PFC filter Mechanical switch Yes Ground wire Yes OVP SCP Yes OVP Yes O | Maximum power | 600 W |
| Power connector EPS12V 8 pin Power connector PCI-E 6 pin Power connector PCI-E 6+2 pin Power connector PCI-E 8 pin None Molex connector Molex connector SATA connector SATA connector PFC filter Mechanical switch OVP Yes OV | Mainboard Power Connector | 20+4-pin |
| Power connector PCI-E 6 pin Power connector PCI-E 6+2 pin 2 pcs Power connector PCI-E 8 pin None Molex connector 5 pcs SATA connector 5 pcs Modular power supply Semi-modular PFC filter Active Mechanical switch Yes Ground wire Yes OVP Yes OCP Yes OPP Yes OTP Yes SCP Yes UVP None Power supply connector IEC C14 Fan size Fan adjustments Automatic Cable length 50 - 95 cm The cable plug #1 Hybrid standard C/E/F (CEE 7/7) The cable plug #2 Material Galvanized steel | Power connector ATX12V P4 | None |
| Power connector PCI-E 6+2 pin Power connector PCI-E 8 pin Molex connector 3 pcs SATA connector 5 pcs Modular power supply Semi-modular PFC filter Active Mechanical switch Yes Ground wire Yes OVP Yes OCP Yes OPP Yes OPP Yes Ves VP SCP VP None Power supply connector Fan size Fan adjustments Cable length The cable plug #1 The cable plug #2 Power cable included Material Fan size Material Galvanized steel | Power connector EPS12V 8 pin | 1 pc (4 + 4-pin) |
| Power connector PCI-E 8 pin Mone Molex connector 3 pcs SATA connector 5 pcs Modular power supply 5 Semi-modular PFC filter Active Mechanical switch Yes Ground wire Yes OVP Yes OCP Yes OPP Yes OTP Yes OTP Yes SCP Yes UVP None Power supply connector IEC C14 Fan size 120 mm Fan adjustments Automatic Cable length 50 - 95 cm The cable plug #1 The cable plug #2 Power cable included Yes Material Galvanized steel | Power connector PCI-E 6 pin | None |
| Molex connector SATA connector SATA connector S pcs Modular power supply PFC filter Active Mechanical switch Yes Ground wire Yes OVP Yes OCP Yes OPP Yes OTP Yes SCP Yes UVP None Power supply connector Fan adjustments Automatic Cable length The cable plug #1 The cable plug #2 Material Galvanized steel | Power connector PCI-E 6+2 pin | 2 pcs |
| SATA connector 5 pcs Modular power supply Semi-modular PFC filter Active Mechanical switch Yes Ground wire Yes OVP Yes OVP Yes OCP Yes OPP Yes OPP Yes OPP Yes OPP Yes OPP Yes OPP Yes OTP Yes SCP Yes UVP None Power supply connector IEC C14 Fan size 120 mm Fan adjustments Automatic Cable length 50 - 95 cm The cable plug #1 Hybrid standard C/E/F (CEE 7/7) The cable plug #2 Power cable included Yes Material Galvanized steel | Power connector PCI-E 8 pin | None |
| Modular power supply PFC filter Active Mechanical switch Yes Ground wire Yes OVP Yes OCP Yes OPP Yes OTP Yes SCP Yes UVP None Power supply connector Fan size Fan adjustments Cable length The cable plug #1 The cable plug #2 Material Material Fes Mechanical switch Yes Active Act | Molex connector | 3 pcs |
| PFC filter Active Mechanical switch Yes Ground wire Yes OVP Yes OVP Yes OCP Yes OPP Yes OPP Yes OTP Yes SCP Yes UVP None Power supply connector IEC C14 Fan size 120 mm Fan adjustments Automatic Cable length 50 - 95 cm The cable plug #1 Hybrid standard C/E/F (CEE 7/7) The cable plug #2 Power cable included Yes Material Galvanized steel | SATA connector | 5 pcs |
| Mechanical switch Ground wire Yes OVP Yes OCP Yes OPP Yes OTP Yes SCP Yes UVP None Power supply connector Fan size 120 mm Automatic Cable length 50 - 95 cm The cable plug #1 Hybrid standard C/E/F (CEE 7/7) The cable included Yes Material Galvanized steel | Modular power supply | Semi-modular |
| Ground wire Yes OVP Yes OCP Yes OPP Yes OTP Yes OTP Yes SCP Yes UVP None Power supply connector IEC C14 Fan size 120 mm Fan adjustments Automatic Cable length 50 - 95 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 | PFC filter | Active |
| OVP Yes OCP Yes OPP Yes OPP Yes OTP Yes SCP Yes UVP None Power supply connector IEC C14 Fan size 120 mm Fan adjustments Automatic Cable length 50 - 95 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 | Mechanical switch | Yes |
| OCP Yes OPP Yes OTP Yes SCP Yes UVP None Power supply connector IEC C14 Fan size 120 mm Fan adjustments Automatic Cable length 50 - 95 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 | Ground wire | Yes |
| OPP Yes OTP Yes SCP Yes UVP None Power supply connector IEC C14 Fan size 120 mm Fan adjustments Automatic Cable length 50 - 95 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 | OVP | Yes |
| OTP Yes SCP Yes UVP None Power supply connector IEC C14 Fan size 120 mm Fan adjustments Automatic Cable length 50 - 95 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 | OCP | Yes |
| SCP Yes UVP None Power supply connector IEC C14 Fan size 120 mm Fan adjustments Automatic Cable length 50 - 95 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 | OPP | Yes |
| UVP None Power supply connector IEC C14 Fan size 120 mm Fan adjustments Automatic Cable length 50 - 95 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 | OTP | Yes |
| Power supply connector Fan size 120 mm Fan adjustments Automatic Cable length 50 - 95 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 | SCP | Yes |
| Fan size 120 mm Fan adjustments Automatic Cable length 50 - 95 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 | UVP | None |
| Fan adjustments Automatic Cable length 50 - 95 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 | Power supply connector | IEC C14 |
| Cable length 50 - 95 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 | Fan size | 120 mm |
| 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 | Fan adjustments | Automatic |
| The cable plug #2 IEC C13 Power cable included Yes Material Galvanized steel | Cable length | 50 - 95 cm |
| Power cable included Yes Material Galvanized steel | The cable plug #1 | Hybrid standard C/E/F (CEE 7/7) |
| Material Galvanized steel | The cable plug #2 | IEC C13 |
| | Power cable included | Yes |
| Product color Black | Material | Galvanized steel |
| | Product color | Black |

| 100000 h |
|--------------------|
| 5 - 50 °C |
| EcoBox |
| 150 x 145 x 85 mm |
| 235 x 180 x 100 mm |
| 1.57 kg |
| 1.69 kg |
| Yes |
| No |
| Yes |
| Yes |
| Power cable |
| 5901720139566 |
| 24 months |
| |

































Description

The Akyga® AK-C2-600 ATX power supply from the Classic series is an advanced solution, ideal for those looking for a stable and reliable power supply for their PCs. This semi-modular ATX power supply offers 600 W of power, making it an excellent choice for both office PCs and advanced home units. What's more, compliance with the 80 PLUS certification ensures efficient operation with minimal power loss. And the applied active PFC optimises the power factor, reducing energy consumption.

The Akyga® AK-C2-600 ATX power supply has a **rich set of connectors**, which allows flexible connection of various components. The modular connectors include: **one 8-pin (4+4-pin) connector**, **two 6+2-pin PCI-E connectors**, **three Molex plugs** and **five SATA plugs**, making it easy to connect hard drives, SSDs, graphics cards, and other peripheral devices. The **20+4-pin connector** is permanently attached to the PSU, ensuring a stable connection to the motherboard. The 50-95 cm long **flat modular cables** facilitate organisation inside the computer case and improve airflow.

One of the main features of this **ATX power supply** is its construction with modern electronic components, compliant with the latest technological standards. Carefully selected elements ensure durability and stability, guaranteeing reliability during prolonged and intensive use.

The case of the **semi-modular power supply** is kept in an elegant black colour, which fits perfectly with most computer cases, adding a modern and professional look. The interior of the ATX power supply features a quiet **120mm fan** that provides excellent air circulation, maintaining the optimal working temperature of the device without increasing noise levels.

The Akyga® AK-C2-600 ATX power supply is a reliable and efficient solution for demanding users who are looking for a stable power source for their advanced computer systems. Choose this semi-modular computer power supply to enjoy the highest quality and reliability of your PC's performance.