

## Electrical Specification

### A. Input Voltage :

- (1) Model : AX300-WP : 220-240Vac ~ , 2.5A, 50Hz
- (2) Model : AX350-WP : 220-240Vac ~ , 3A, 50Hz

### B. Output Voltage :

#### (1) Model : AX300-WP

Output	MINIMUM LOAD	NORMAL LOAD	MAXIMUM LOAD
+3.3V	0.5A	10.0A	20.0A
+5V	0.3A	10.0A	20.0A
+12V1	1.0A	4.0A	8.0A
+12V2	1.0A	7.0A	14.0A
- 12V	0.0A	0.15A	0.3A
+5Vsb	0.0A	1.0A	2.0A

- (1) +3.3V & +5V total output not exceed 120W
- (2) Total output power is 300W

#### (2) Model : AX350-WP

Output	MINIMUM LOAD	NORMAL LOAD	MAXIMUM LOAD
+3.3V	0.5A	11.0A	22.0A
+5V	0.3A	10.5A	21.0A
+12V1	1.0A	5.0A	10.0A
+12V2	1.0A	7.5A	15.0A
- 12V	0.0A	0.15A	0.3A
+5Vsb	0.0A	1.0A	2.0A

- (1) +3.3V & +5V total output not exceed 130W
- (2) Total output power is 350W

All specifications are subject to our actual product

## Protection

### A. Over-Voltage Protection

### B. Over-Current Protection

There will be protection from an output over-current event. The power supply will shut down from such an event and require power-on restart.

### C. Short-Current Protection

Output short circuit is defined to be a short circuit load of less than 0.1 ohm. In the event of an output short circuit condition on +3.3V, +5V or +12V(-12V) output, the power supply will shutdown and latch off without damage to the power supply.

The power supply shall return to normal operation after the short circuit has been removed and the power switch has been turned off for no more than 2 seconds.

## Description of Connectors



Main power connector



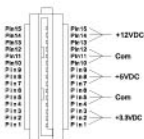
+12V PCI Express connector



+12V power connector



Peripheral power connector



Serial ATA power connector

## Installation Instructions

1. Disconnect computer from the main power source
2. Remove the case/cover from your PC system
3. Unplug all power connectors from the old power supply
4. Remove the four screws from the rear of the case that hold the old power supply to the chassis
5. Screw the four screws into the rear of the case that hold the power supply to the chassis.
6. Reconnect all power connectors from Amacrox power supply to the computer components. The plugs will only fit one way , so if they don't fit, do not try to force them, just try them the other way round
7. Ensure no screws remain loose inside the casing as these could potentially short-circuit your motherboard
8. Replace the case/cover

## Safety and EMI

The power supply unit has been certified by the following safety and EMI certifications : CB, CE

## Warning

- (1) Do not open the top cover of the power supply unit !
- (2) Please avoid exposing power supply unit from high humidity.

## Trouble shooting

If the power supply unit fails to function properly, please check the following:

- ▶ Is the AC input plugged in properly and electrical outlet switched on?
- ▶ Check that all the output connectors are connected properly to all the components.
- ▶ Disconnecting the power cord from the unit can reset the power supply unit

However, if the power supply still does not function properly, please contact your original vendor or retailer for repair or replacement.

Please refer to the website for further information :

**[www.Amacrox.com](http://www.Amacrox.com)**