

Aluminum Power Supply

**STEALTH**

"Power in Silence"



### General Information

PCs, especially today's advanced hi-tech power systems require a great deal of power. Adding additional hard drives, fans, and various other devices will require a powerful as well as reliable power supply. Vantec Stealth power supply is reliable as well as easy to install and compatible with most PC motherboards and systems.

### Important Information

In order to assist the end users safely and sufficiently in using this power supply, please read carefully and be aware of all the details of this user's manual before operating.

### Vantec Stealth Power Supply Supports:

INTEL: P4, PIII, PII, & Pentium

AMD: Athlon MP, Athlon, Duron, K7, & K6.

### Vantec Model No.

VAN-420A (420W)

VAN-470A (470W)

VAN-520A (520W)

## I. Specification

Type: ATX/ATX 12V

Input Current: 115V(90~135V)/230V(180~260V)

Max. Output: 420W/470W/520W

AC INPUT		100~120Vac / 200~240Vac 10 / 6A 60 / 50Hz					
DC OUTPUT		+3.3V	+5V	+12V	-12V	-5V	+5VSB
420W	Max output Current	26A	42A	18A	1.0A	0.8A	2.5A
	Max combined wattage	200W		216W	12W	4W	12.5W
		400W			28W		
470W	Max output Current	26A	47A	28A	1.0A	0.8A	2.5A
	Max combined wattage	235W		336W	12W	4W	12.5W
		450W			28w		
520W	Max output Current	26A	52A	28A	1.0A	0.8A	2.5A
	Max combined wattage	260W		336W	12W	4W	12.5W
		500W			28W		

\*Please visit our website [www.vantecusa.com](http://www.vantecusa.com) for more detailed specifications.

## II. Protection Characteristics:

- (1) Output Over-Current Protection (OCP)
- (2) Output Over-Voltage Protection (OVP)
- (3) Short Circuit Protection (SCP)
- (4) Cooling Fan Control (Fan speed is controlled by a special thermal sensor to seize the noise and to prolong the fan's life cycle)

## III. Agency Approvals: UL, CSA, TUV, CE, CB, FCC

#### **IV. Installation:**

1. Turn off both of the main on/off switch and the individual power supply's on/off switch.
2. Open the chassis and mount the power supply into the chassis by screwing the matching holes of the power supply and chassis'.
3. Connect the 20-pin, 4-pin and 6-pin connectors to the motherboard by carefully following motherboard's instructed manual.
4. The large 4-pin connectors are for CD-ROM, Hard Drive, DVD...etc. by following the peripheral instructions.
5. Connect the small 4-pin connector to the 3.5" floppy drive.
6. Make sure the input Voltage has set to the correct voltage (110/220V) selector is on the rear side) and double check all the connectors to the motherboard and peripherals are properly connected.
7. Connect the power cord to the power supply and turn on the power supply for application.
8. Turn on the on/of switch.

#### **V. Trouble Shooting:**

If the system has no responses when the user turns on the power supply, then please follow the following instructions to check the problem.

- A. Ensure the power cord is connected tightly.
- B. Ensure the on/off switch is turned to the ON position.
- C. Ensure the 110/220V selector is set at the right AC input voltage.
- D. Ensure all the connectors are connected in the right direction
- E. Check whether there is any short-circuit problem, or defective peripherals by unhooking each peripheral one at a time.

F. If one of the above-mentioned problems have occurred, please wait for 5 minutes, then turn on the power supply again.

(In order to release the power supply protect condition)

G. If the power supply still can't work properly, please send it back to **your** vendor or supplier for further analyzing and repairing.

#### **Warning:**

- **Don't open the power cover without any authorizations; It will cause thunder-stroke danger.**
- **Our entire service channel will offer the technical support to our users.**
- **Please contact your original vendor, if you have any of the technical related problems.**

#### **NOTE:**

- Under normal operations, Vantec provides 3 years warranty since the date you purchase this product.
- Please clearly indicate the Model No. and Serial No.
- Any technical problems, please send the product back to resellers for repair.
- If you have any questions or concerns, please feel free to contact us.

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