



Appendix 6. User Manual

NOTICES TO USER

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received,
including interference that may cause undesired operation.

Information to the user;

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: The user that changes or modifications not expressly approved by the party responsible for the compliance could void the user's authority to operate the equipment.

One or more of the following statements may be applicable:

FCC WARNING

CAUTION : Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

User's manual

SUPER300, SUPER310, SUPER365 / Power supply user's manual


1. Introduction

These equipments are switching mode power supplies for PC.

-type designation

Model	Output power(w)
SUPER300	300W
SUPER310	300W
SUPER365	350W

2. input/output requirements

SUPER POWER Pentium 4 Switching Power Supply								
AC - Input	100 ~ 120	200 ~ 240	4.0A /6.3A	47 ~ 63Hz				
DC - Input	+3.3	+5	+12	-5	-12	+5SB	+3.3V, +5V and +12V max	TOTAL
SUPER 300	9-28A	18-30A	16A	0.3A	0.8A	2.0A	285W	300W
SUPER 310	9-28A	18-30A	16A	0.3A	0.8A	2.0A	285W	300W
SUPER 365	10-28A	20-30A	18A	0.3A	1.2A	2.2A	325W	350W
<div><div>To prevent electric shock, Do not open cover, refer servicing to qualified service personnel.</div></div>								

3. Efficiency

Total sum of efficiency is more than 70% when maximum output generates in rating input voltage and frequency.

4. Protection circuit

- 4-1. over-voltage protection circuit
- 4-2. over-load protection circuit
- 4-3. current short protection circuit

5. Measurement environment

5-1. Measurement environment in operation

temperature : 0-50 ° C

relative humidity : 10-85%

5-2. Transmission and storage

surrounding temperature : -20 ° C -70 ° C

relative humidity : 5-95%

6. Other requirements

6-1. Cooling system

Mandatory cooling system(DC FAN)

6-2. Average lifetime

average lifetime is figured according to MIL-STD-217E

Power supply's lifetime is 100,000 hours in 25 ° C, 38,000 hours in 40 ° C

6-3. Noise Level

Noise level from power supply is complied with condition requiring in ISO 7779. And it doesn't exceed more than A-Weighted Sound Pressure level(Lpa)'s 32DBA in 25 ° C and A-Wright sound power level(Lwa)'s 31.57dBA.

7. Caution

7-1. Never open power supply without permission of expert.

7-2. impress power after checking 110/220V selecting power switch.