

Rosewill[®]

TACHYON



POWER SUPPLY

User's Manual

Tachyon-550

Tachyon-650

Tachyon-750

Tachyon-1000

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Features

- Intel Haswell Ready
- ATX12V v2.31 & EPS12V v2.92
- 80 PLUS PLATINUM certified
- Modular cable design
- Full Range Active-PFC
- EuP Ready
- Multi-GPUs Support
 - └ 2/4/6 x PCI-E 6+2 pin Connector
- Silent 140mm Fan with Auto Speed Control
- All high Quality Japanese Capacitors
- Comprehensive Protections
 - └ Over Temperature Protection
 - └ Over Current Protection
 - └ Over Voltage Protection
 - └ Over Power Protection
 - └ Under Voltage Protection
 - └ Short Circuit Protection
- 7-Year Warranty
 - └ One to One Replacement

Input & Output Rating

Tachyon-550

AC INPUT	115VAC~240VAC 10A 60Hz/50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5VSB
	20A	20A	45.5A	0.5A	2.5A
	100W		546W	6W	12.5W
TOTAL POWER	550W				

Tachyon-650

AC INPUT	115VAC~240VAC 10A 60Hz/50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5VSB
	20A	20A	54A	0.5A	2.5A
	100W		648W	6W	12.5W
TOTAL POWER	650W				

Tachyon-750

AC INPUT	115VAC~240VAC 10A 60Hz/50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5VSB
	20A	20A	62A	0.5A	2.5A
	100W		744W	6W	12.5W
TOTAL POWER	750W				

Tachyon-1000

AC INPUT	115VAC~240VAC 15A 60Hz/50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5VSB
	20A	20A	83A	0.5A	2.5A
	100W		996W	6W	12.5W
TOTAL POWER	1000W				

Package Content

- | | | |
|--------------------------|-----------------|-------------------|
| • Power Supply | • User Manual | • Mounting Screws |
| • Modular cables | • AC Power Cord | |
| • Bag for modular cables | • Cable Ties | |

Connector

Wattage	550W	650W	750W	1000W
Main Connector 20+4 pin	1	1	1	1
ATX12V/EPS12V 4+4 pin	1	1	1	1
EPS12V 8 pin			1	1
PCI-E 6+2 pin			2	4
SATA	6	8	8	10
Molex 4 pin	5	5	5	6
Floppy	1	1	1	1

Caution

- Please do not store the power supply in a high humid temperature place, or to be used in such condition.
- High voltages exist in the power supply. Unless authorized personnel, please do not open the PSU cover. The warranty will be void if the cover is removed.
- Do not insert any objects into the open ventilation or fan grill area of the power supply.
- Please use ONLY genuine Rosewill modular cables. Third party cables might not be compatible and could cause serious damage to your system and power supply. The warranty will be void with the use of third party cables.
- The 24 pin main power connector has a detachable 4 pin connector. This 4 pin connector is not a P4 or ATX12V connector. Please DO NOT force this cable in the P4 or ATX12V socket on the motherboard.

Installation

- Please make sure the power supply is not connected to the AC power cord.
- Make sure the I/O switch of the PSU is at off "O" position.
- Install the power supply into the computer case. (refer to your case's user's manual)
- Please refer to your motherboard's user's manual to confirm 20-pin or 24-pin main connector it needs. If 24-pin, you can plug the 24-pin main connector onto the motherboard. If 20-pin, please detach the 4-pin to have a 20-pin main connector then plug it onto the motherboard.
- Please refer to your motherboard's user's manual to confirm 4-pin ATX12V or 8-pin EPS12V connector it needs. If 8-pin, you can plug the 8-pin EPS12V connector onto the motherboard. If 4-pin, please detach the 4-pin to have a 4-pin ATX12V connector then plug it onto the motherboard.
- Connect the PCI-E connector to the VGA card if needed. Please refer to VGA card's user's manual to confirm 6-pin or 8-pin needed.
- Connect the SATA connector to the SATA HDD, Optical device if any.
- Connect the Molex connector to devices such as Optical device, HDD, fan...etc.
- Connect the Floppy connector to the floppy drive if any.
- Please connect the other side of the cable to the PSU.
- Make sure all the connectors are fully seated.
- Connect the other side of the cable to the PSU.
- Connect the AC power cord to the power supply.
- Turn on the power supply by pushing the I/O switch to the "I" position.

Easy Trouble shooting

If your PC system does not respond, please make following checks:

1. make sure the AC power cord is connected firmly and the AC power switch is turned on.
2. Make sure all DC output connectors are connected in the right direction and plugged firmly.
3. Check whether there is any short circuit problem or defective peripherals by unplugging each peripheral device one at a time.
4. If one of the above mentioned problems occurs, please remove the fault and turn off the power supply (I/O switch at "O" position) for 1-2 minutes before you turn on the PSU again. This is necessary to release the latch condition of the protection circuit.
5. If the PSU is still unable to power up after above checks, please contact with us for advanced support.

Information

Thank you for purchasing a High-Quality Rosewill Product.

Please register your product at : www.rosewill.com for complete warranty information and future support for your product. If you have any question while using our products, please feel free to contact us at techsupport@rosewill.com

Support Phone Number: 800-575-9885

Support Email: techsupport@rosewill.com

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