

# Dell Replacement Power Supply

300 Watt ATX12V 2.01 Dell Replacement Power Supply

350 Watt ATX12V 2.01 Dell Replacement Power Supply

400 Watt ATX12V 2.01 Dell Replacement Power Supply

**ATXPW300DELL**

**ATXPW350DELL**

**ATXPW400DELL**

**Instruction Manual**



Actual product may vary from photo

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## **FCC Compliance Statement**

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.

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## Introduction

Thank you for your purchase of a StarTech.com ATX 12V Dell replacement Power Supply. Designed for extra-long life in personal and industrial computers, this Power Supply is a suitable replacement for compatible Dell computers (Please see compatibility chart on Page 2), and features an 8cm fan to provide quiet operation and superior performance.

## Features

- 100,000 hour MTBF
- ATX 2.01 compliant
- Dual 12V power rails to deliver stable power to demanding devices
- 20/24 pin split ATX style motherboard connector for compatibility with existing standards
- 8cm fan provides quiet, efficient airflow for increased reliability
- Premium EMI/RFI power filtration provides low noise and ripple for stable power delivery to all system components
- SATA hard drive connectors
- PCI Express connector (**ATXPW400DELL**)
- Compatible with many Dell™ Dimension®, Optiplex® and other Dell™ systems. Please see specific Dell PC compatibility for each power supply, listed on **page 2**.

## Contents

This package should contain:

- 1 x Power supply
- 1 x Standard power cable
- 1 x Instruction manual

## Compatibility

Please note:

**ATXPW300DELL** provides a Dell specific proprietary connector, and should not be used with any PCs other than those included in the following list of compatible systems.

### ATXPW300DELL

Series	Compatible Models
Dell™ Dimension®	2100, 4100, B1000R, L Series, V350, V400, XPS B Series, XPS Dxxx, XPS Mxxx, XPS P133c MT, XPS Pro 180n, XPS Rxxx, XPS Txxx
Dell™ Optiplex®	G1, GX1, GX110, GX115, GX300, Gxa, Gxi
Dell™ Power Edge®	2100, 2200
Dell™ Precision Workstation®	210, 400

**ATXPW350DELL** and **ATXPW400DELL** should not be used with any PCs other than those included in the following list of compatible systems.

### ATXPW350DELL

Series	Compatible Models
Dell™ Dimension®	3000 / 3100 / 4600 / 4700 / 9100 / E310 / E510
Dell™ Optiplex®	GX280
Dell™ Power Edge®	SC420
Dell™ Precision Workstation®	370

### ATXPW400DELL

Series	Compatible Models
Dell™ Dimension®	1100, 2200, 2300, 2350, 2400, 4300, 4400, 4500, 4550, 8200, 8250, 8300, 8400, B100
Dell™ Optiplex®	170L, GX60, GX150, GX240, GX260, GX270
Dell™ Power Edge®	400SC, 600SC
Dell™ Precision Workstation®	Model 340
Dell™ Smart Step®	100D, 150D

## Installation



**CAUTION:** Computers contain sensitive electronic components that are easily damaged by static electricity and excessive shock. When handling the power supply and other components, ensure you are properly grounded using an anti-static mat or similar device. If anti-static equipment is not available, ground yourself by touching the exterior of the computer case or another large metal surface before handling any peripherals.

1. Installation of a power supply requires some mechanical skill and requires that you open your computer case to disconnect and reconnect wires. If you are unfamiliar with this kind of work, consider bringing your computer and new StarTech.com power supply to your local computer store for help.
2. Check the red switch on the rear of the power supply, next to the power cord plug. Be sure it is set to the correct voltage for your country. In North America, it should read "115". In Europe and Australia it should read "230". To change the switch, use a screwdriver in the notch of the switch and slide it to the opposite side. If you are unsure of the voltage used in your country, contact your electricity provider before proceeding.
3. If you are replacing an old power supply in your computer, ensure the computer is shut down and disconnect the power cord from the back of the old supply.
4. Open your computer case. In most designs, the case is opened by removing two or three screws at the rear of the case and then sliding the covering panel backward until it comes free. If your case is a tower style, ensure that you remove the panel that will expose the top of the computer's motherboard. This is generally the left-side panel. There are many different case designs, however, so if you are unsure of how to open your particular case, consult the user manual for your case or contact your local computer store for help.
5. With the computer case open, review the connectors being used from your old power supply. If you are building a new computer, review the connectors that you will need to use. Check the type of connector on your motherboard and use either the 24 or 20 pin ATX power connector on the power supply as appropriate.
6. Disconnect the old power supply connections from inside your computer. Hard disk drive, CD drive and floppy disk drive connectors disconnect by pulling on the connector. The motherboard connector(s) have a clip that must be pressed while pulling on the connector to release them. A rocking motion while pulling will aid in getting the connectors loose. Never pull on the wires of a connector to unplug it.
7. Check that all the wires from your old power supply are free. Remove the four screws on the rear of your old power supply to free it from the computer case. Support the power supply with one hand if it could fall while removing the last screw. (Such as in a tower style case.) Remove the power supply by sliding it back and then out through the side of your case.
8. Install your new power supply by positioning it through the side or top of your case (depending on your case style) and then back onto the power supply mounts. Check that the orientation with the screw holes in your case is correct; all four holes must be aligned. Support the power supply with one hand while threading a mounting screw

through the back of the case and into the power supply. The screw should thread smoothly and should not require effort. Do not force it or you could damage the mounting holes. If the screw won't thread smoothly, remove it and check to ensure the mounting holes are correctly lined up. Repeat for the remaining three screws. Do not fully tighten any of the screws until they all have been threaded into their mounting holes. (Note: Consider Startech part **SCREWTHUMB** screws for easier installation.)

9. Tie unused wires away from fans and other moving parts.
10. Replace the case cover and secure it. You may wish to not replace the screws until after you have checked that all connections are working.
11. Start your computer. You should hear its fans and devices immediately begin to run. If you do not, toggle the rear switch on the power supply to off, disconnect the power cord, open the case and check that all connectors are well seated and secure.
12. When you have confirmed all connections are working, replace the screws in your case.
13. Power supplies contain electrical and electronic components and should be disposed of properly. If you are replacing a power supply, please follow your city's rules for proper disposal of electrical equipment.

## Specifications

<b>Dimensions/Weight</b>	L x W x H: 140 x 150 x 86mm ATXPW300DELL: 1.86kg (4.1lbs) ATXPW350DELL: 1.9 kg (4.2lbs) ATXPW400DELL:: 2.15kg (4.74lbs)		
<b>AC Input Voltage</b>	ATXPW300DELL: 115V (8A) or 230V (4A), 50-60Hz (Manual Switching) ATXPW350DELL: 115V (8A) or 230V (4A), 50-60Hz (Manual Switching) ATXPW400DELL: 115V (10A) or 230V (5.5A), 50-60Hz (Manual Switching)		
<b>Output Power (max.)</b>	ATXPW300DELL: 300W ATXPW350DELL: 350W ATXPW400DELL: 400W		
<b>Fan</b>	8cm, sleeve		
<b>Regulatory Approvals</b>	ATXPW300DELL: FCC, TUV, UL, CSA ATXPW350DELL: FCC, TUV, UL, CSA ATXPW400DELL: FCC, TUV, UL, CSA		
<b>Connectors</b>	<b>ATXPW300DELL:</b> 4 x LP4 1 x SP4 Floppy Drive 2 x SATA 1 x AUX 6pin 1 x ATX 20/24pin	<b>ATXPW350DELL:</b> 3 X LP4 Female 1 X SP4 Female 2 X SATA Power Female 1 x 6-pin Auxiliary Connector 1 X P4 ATX Male 12V Plug 1 x ATX 20/24pin	<b>ATXPW400DELL:</b> 4 x LP4 2 x SP4 Floppy Drive 4 x SATA 1 x PCI Express 6pin 1 x ATX 20/24pin P4 (ATX12V) 4pin

AC Input	Voltage	Current	Frequency
ATXPW300DELL	115V~ 230V~	8A 4A	50-60Hz
ATXPW350DELL	115V~ 230V	8A 4A	50-60Hz
ATXPW400DELL	115V~ 230V~	10A 5.5A	50-60Hz

### ATXPW300DELL

DC Output	+3.3V	+5V	+12V1	+12V2	-12V	+5V <sub>SB</sub>	PS-ON	POK	COM
	20A	20A	8A	14A	0.8A	2.0A	Remote	P.G	Return
Max. 300	120W		264W		9.6W	10W	-	-	-
	280.4W								

### ATXPW350DELL

DC Output	+3.3V	+5V	+12V1	+12V2	-12V	+5V <sub>SB</sub>	PS-ON	POK	COM
	22A	21A	10A	15A	0.8A	2.5A	Remote	P.G	Return
Max. 350	130W		300W		9.6W	12.5W	-	-	-
	327.9W								

### ATXPW400DELL

DC Output	+3.3V	+5V	+12V1	+12V2	-12V	+5V <sub>SB</sub>	PS-ON	POK	COM
	30A	28A	14A	15A	1A	2.5A	Remote	P.G	Return
Max. 400	140W		348W		12W	12.5W	-	-	-
	375.5W								

## **Technical Support**

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit [www.startech.com/support](http://www.startech.com/support) and access our comprehensive selection of online tools, documentation, and downloads.

## **Warranty Information**

This product is backed by a two-year warranty. In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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