

## 3.2 Power Supplies

As you study this section, answer the following questions:

- How does the case form affect the type of power supply you purchase?
- What is the function of the red toggle switch on a power supply? Why is this important?
- What rating determines the number of internal components a computer can handle?
- What is soft power?
- Why must you be careful when using a proprietary power supply?

In this section, you will learn to:

- Install a power supply

Key terms for this section include the following:

Term	Definition
SATA power	A power connector that has 15 pins and provides 3.3, 5, and 12 volts.

This section helps you prepare for the following certification exam objectives:

Exam	Objective
TestOut PC Pro	1.1 Select and install PC components 1.1.1 Install and connect a power supply
CompTIA 220-1101	3.2 Identify common connector types. <ul style="list-style-type: none"><li>▪ Molex</li></ul> 3.7 Summarize power supply types and features. <ul style="list-style-type: none"><li>▪ Input 115V vs. 220V</li><li>▪ Output 5.5V vs. 12V</li><li>▪ 24-pin motherboard adapter</li><li>▪ Wattage rating</li><li>▪ Number of devices/types of devices to be powered</li></ul>

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