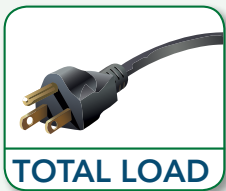


# UPS SYSTEMS: What You Need To Know



Protect PCs, Servers & More from Downtime, Damage & Data Loss.

Use These Guidelines to Choose a UPS System:



## HOW MUCH POWER WILL YOUR EQUIPMENT REQUIRE?

Add up the watts of everything that you will connect to the UPS, and then choose a UPS with an Output Watt Capacity 20-25% higher than the total wattage of everything you will connect to it.



## HOW MUCH BACKUP RUNTIME WOULD YOU LIKE?

The runtime of a UPS tells you how long the UPS can keep your equipment running during a power outage before its battery runs out. Additional equipment decreases runtime; a larger UPS battery increases it.



## DO YOU EXPERIENCE POWER FLUCTUATIONS?

Line-Interactive UPS systems (SMART, OMNI, AVR and VS Series) have Automatic Voltage Regulation (AVR), which regulates and corrects the incoming power without using the battery, conserving it for blackouts.

SmartOnline™ UPS Systems provide Pure Sine Wave output for mission-critical applications and equipment that must always be available.

## OTHER CONSIDERATIONS

- **Eco-Friendly Solutions:** Many UPS systems lower utility costs by reducing power output.
- **Number of Outlets:** How many items will you be plugging into your UPS? Of that number, how many will require data backup?
- **Communication Ports:** Many UPS systems include ports which enable them to conduct safe unattended shutdown of various connected devices. Your equipment needs will determine whether you require a UPS with USB and/or DB9 ports.
- **Data Line Surge Protection:** Many UPS systems offer surge protection for telephone/modem lines, Ethernet connections and/or coaxial lines.
- **Form Factor:** UPS systems come in low-profile, tower and rackmount models.

Tripp Lite Solutions:

## GOOD: Desktop UPS (Internet Office®/ECO-UPS™/AVR/VS Series)



- Protect workstations, PCs and peripherals against all power problems
- ECO models reduce power output by automatically turning off idle equipment
- AVR/VS models correct brownouts and overvoltages without using battery power

## BETTER: Line-Interactive UPS (LCD/SmartPro® Series)



- Protect servers, networks, telecom systems, workstations and PCs
- Correct brownouts and overvoltages without using battery power
- LCD models show operating conditions in real time

## BEST: True On-Line UPS (SmartOnline™ Series)



- Ideal for mission-critical servers, data centers, security, storage and VoIP equipment
- Continuous on-line, double-conversion operation with pure sine wave output and zero transfer time provides the highest level of protection available
- Use in Economy Mode significantly reduces BTU heat output and operating energy costs

Tripp Lite offers the highest levels of connected equipment insurance in the industry.



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