



Why you need a UPS now:

A UPS is similar to car insurance: you need to have it, but hope you never have to use it. Like an automobile, Touch Screens, Cash Registers, or Computers are all expensive investments you want to protect. In the event of a blackout, a UPS instantly switches your equipment to emergency battery backup power and lets you work through brief power outages without losing data or experiencing other damaging effects. These can include hardware degradation, keyboard lockup and motherboard damage.

A UPS protects your EPoS System from the following power problems:

- **Power transients** — brief surges in voltage caused by lightning strikes or when electricity-hoarding appliances (like air conditioners and copiers) are turned off
- **Spikes** — instantaneous increases in voltage caused by lightning or overloaded power grids
- **Brownouts** — a reduction of your incoming voltage
- **Power failure** — a complete interruption of electrical power
- **Line noise** — interference from electrical appliances

All of these power problems can damage your equipment and corrupt data. A UPS will provide power to keep your system running, giving you the chance to save valuable data and shut down your system properly. Some models even include software that automatically saves and shuts down your files.

Why a UPS and not a surge protector?

UPS units have a leg-up on surge protectors in many ways. Both handle surges, but a UPS gives you battery backup power. This allows time to save the data in your Computer or Cash Register and shut down your system before anything is lost. Typical battery backup run times are shown in minutes and indicate the amount of time the battery backup operates. A UPS protects your computer from electrical noise and damaging power surges, including lightning. A surge protector can handle surges during a brownout, but your system will still have to work harder due to the lower voltage.