Battery Back-Up Systems For Point of Sales (POS) Systems

WHY DOES MY POS SYSTEM NEED A UPS?
Power outages, brown outs, sags and surges can all contribute to your system going down. What if, while the power is out, your cash register or credit card machine will not work? Can your business afford that? A UPS ensures, that when power quality issues arise your critical POS system continues to work without interruption.

WHAT DOES A UPS DO FOR MY POS SYSTEM?
- Protects it from going down when the power goes out
- Conditions the power, extending the life of system
- Allows equipment to be properly shutdown during extended outages
- Defends against data loss, hardware failure and system interruption
- Saves time and money

WHAT TYPES OF UPS SYSTEMS ARE AVAILABLE?
UPSs come in four topologies. Listed here from good, better, best and premium:
- Standby, protects from 3 of the 10 common power problems
- Line Interactive, protects from 5 of the 10 common power problems
- Double Conversion, protects from 9 of the 10 common power problems
- Double Conversion Isolated Online, includes isolation transformer to protect against all 10 power problems

WHAT QUESTIONS SHOULD I ASK TO SELECT THE APPROPRIATE UPS?

What is the power (Wattage or Volt-Amps) requirement of the load being protected?
Check the nameplate on the protected equipment for voltage and current (120V and .5A for example). For single-phase loads, Voltage multiplied by Amperage (VxA) determines the VA power draw of the equipment. In some cases, the nameplate will provide the wattage draw of the equipment. In power factor corrected loads, Wattage and VA are approximately equal.

Voltage required?
The vast majority of POS systems plug into a regular wall outlet and are 120V. Larger systems may be 208V or 240V.

Plugs and Receptacles?
POS systems that would plug into a typical wall outlet require a 5-15R receptacle. Select a UPS with a 5-15P input cord and multiple 5-15R output receptacles to plug the pieces of the system into it.

Where will the UPS be located?
On the floor, in a rack, or mounted on the wall?   Tower, rack-mount or wall-mount formats are all available.

Runtime?
5 minutes, 30 minutes, 12 hours? See the XPC UPS Selector at www.xpc.com/selector to calculate exact runtimes for your load.

Level of protection desired?
Determined by needs, environment and budget. For basic protection, a Standby UPS system is appropriate. If requiring a higher level of protection, a Line Interactive or Double Conversion UPS are the best choices.

Communications desired?
All Xtreme UPSs include a monitoring software. If more sophisticated communications are desired, optional Web/SNMP Cards, Modbus cards and Relay Cards can also be added to many Xtreme Power UPS.

XTREME
Power Conversion®
Protect your business.

Find your ideal UPS solution: www.xpcc.com/selector