

How to choose the right UPS Technology for your Computers - A Comparison

DOUBLE CONVERSION

VERSUS

LINE INTERACTIVE



DOUBLE CONVERSION

Variation $230 \pm 2\%$ (225-235V)

Sinewave

PROBLEM

LINE INTERACTIVE

Variation $230 + 9\%, -15\%$ (200-250V)

Stepwave



Best Electricity Regulation



POWER FAILURE

Inferior Electricity Regulation
(compatible with most PCs)



No effect on the electricity powering your equipment
Best Protection

SAG (short duration low voltage)



Affects the electricity powering your equipment



No effect on the electricity powering your equipment
Best Protection

SURGES (short duration high voltage)



Affects the electricity powering your equipment



No effect on the electricity powering your equipment
Best Protection

UNDER VOLTAGE (long duration low voltage)



Affects the electricity powering your equipment



No effect on the electricity powering your equipment
Best Protection

OVER VOLTAGE (long duration high voltage)



Affects the electricity powering your equipment



Best Protection through Isolation

ELECTRICAL LINE NOISE



Limited Electricity Filtering
Possible equipment failure



Best Protection

FREQUENCY VARIATIONS



Protection only during a Power Cut
Less Protection



Best Protection

SWITCHING TRANSIENTS SPIKES



Limited Electricity Filtering
Possible equipment failure



Best Protection

HARMONIC DISTORTION



No Protection



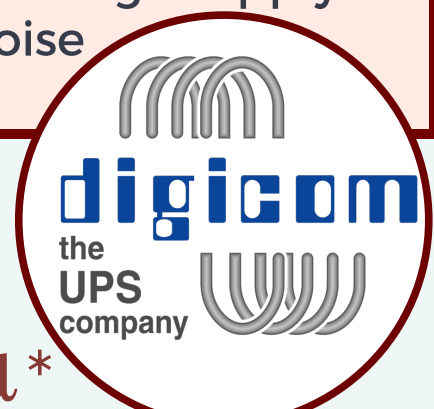
Our Advice:

Double Conversion UPS is recommended for:
 a) Critical applications
 b) Sensitive equipment
 c) Locations with severe frequency/voltage problems
 d) Generator use

Line Interactive UPS is recommended for:
 a) Low cost, basic applications
 b) Sites with relatively good voltage supply
 c) High efficiency and low Noise

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* We protect your computerized equipment...even during blackouts - Guaranteed *