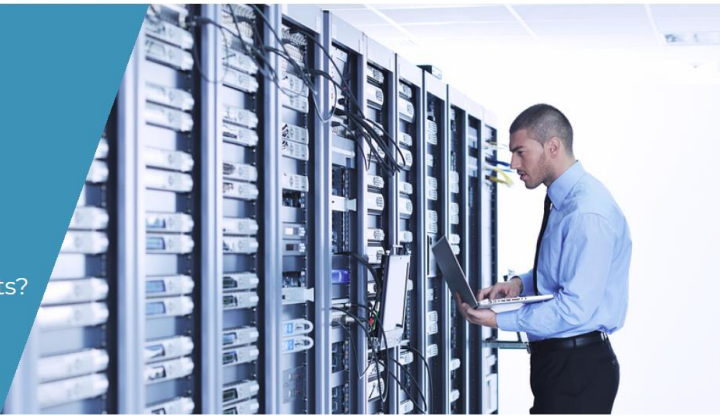


DATA CENTERS

# Install PQ Global Voltage Surge Protection!

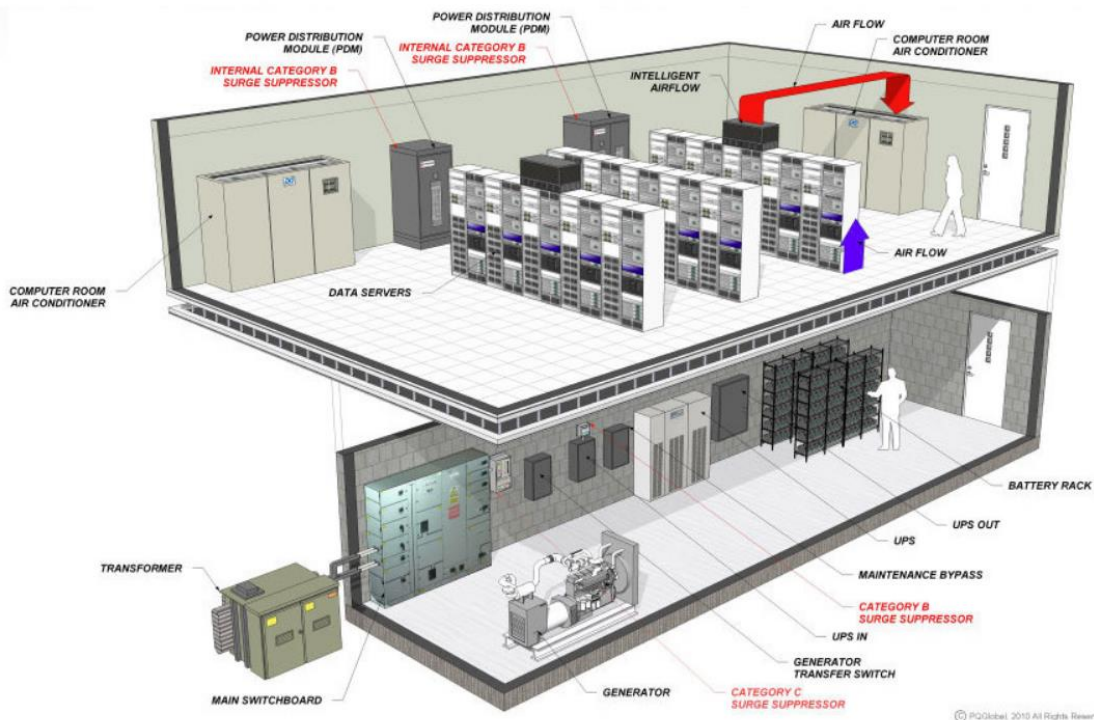
Is your Data Center protected against voltage transients?



## Effects of Transients on Data Centers:

- Downtime/Revenue Loss
- Server/Communications Damage
- Security Equipment Damage
- Damage to Electronic Controls

**"Loss of critical equipment can cost a typical bank USD\$500,000 per minute of down time"**  
– Rob Snevely Enterprise Data Center Design Methodology, Sun MicroSystem.



# Quick guide for Data Center equipment protection from voltage transients

Selecting the correct transient protection for your installation is easy:

**CATEGORY C (Service Entrance)**

XAS – 500, 400, 300 KA

**CATEGORY B (Branch Panel)**

XDS – 150 or 200 KA

XMS – 72 KA (Internal to PDM)



## Specific equipment to protect:

SERVERS / HIGH DENSITY RACKS

COMPUTER ROOM AIR CONDITIONER

SECURITY EQUIPMENT

UNINTERRUPTIBLE POWER SYSTEM (UPS)

MODEL	CAPACITY/PHASE	RESPONSE TIME	DIMENSIONS (inches, HxLxW)	WEIGHT
XMS	72 KA	< 1 ns	8.3 x 3.6 x 3	3 lbs
XDS	150 KA	< 1 ns	6 x 6 x 4	5 lbs
XDS	200 KA	< 1 ns	6 x 6 x 4	5 lbs
XAS	300 KA	< 1 ns	12 x 12 x 7.5	25 lbs
XAS	400 KA	< 1 ns	12 x 12 x 7.5	25 lbs
XAS	500 KA	< 1 ns	12 x 12 x 7.5	25 lbs

## 10 Year Warranty

(on workmanship and materials)

UL1449 4th Edition File: VZCA2.E321351 at [www.UL.com](http://www.UL.com)  
 CUL, UL 1283, ANSI/IEEE C62.41.2-2002, and C62.45-2002  
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