

SolaHD HAS A PRODUCT TO MEET YOUR POWER NEEDS...

- » Do you experience power surges or loss of power that cause downtime?
- » Is there a specific area of the facility or machine where loss of power is a regular occurrence?
- » Are idling machines/ systems automatically turned off?
- » How much does it cost per hour when an unplanned outage occurs?

TOTAL POWER QUALITY SOLUTIONS

- » UPS Systems are manufactured for plant floor applications
- » DIN UPS is ideal to protect PLCs and Ethernet Communication Systems
- » Transformers used in Industrial & Commercial buildings for power conversion in electrical distribution
- » Control Circuit Transformers used in OEM Machine building application
- » Power Quality is used throughout the plant facility to protect critical loads
- » Numerous applications for DIN power supplies inside control cabinets

INDUSTRIAL CONTROL PANEL PRODUCTS

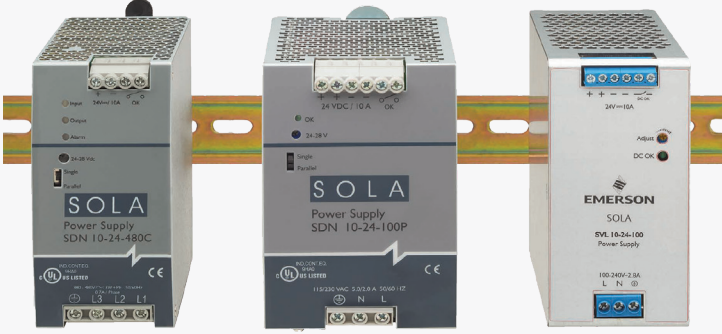
- » **Surge Protection** – Transient Voltage Surge Suppression
- » **Power Conditioner** – Maintenance free protection from most disturbances
- » **UPS** – Back up power
- » **DC Power Supplies** – Class 2 for networks and signaling
- » **DC Power Supplies** – Single Phase and Three Phase input, 24V output
- » **Industrial Control Transformer** – Voltage conversion for high inrush loads

CAUSE & EFFECTS OF POWER QUALITY PROBLEMS

- » Power Outage, Noise, and Transients will cause
 - › System interruption
 - › Gradual loss of performance/ degradation
 - › Equipment damage or destruction
- » Resulting in
 - › Lost productivity
 - › Increased downtime
 - › Greater capital expenditures
 - › Unhappy customers
 - › Lost business and revenue



POWER SUPPLIES



PERFORMANCE: SDN-C SERIES

These DIN rail power supplies offer extreme reliability and efficiency, easy troubleshooting and our most resilient design for use in harsh environments, extreme temperatures and hazardous locations.

CORE: SDN-P & SDP SERIES

Choose these industrial grade power supplies when performance count in environments subject to rugged conditions, wide temperature ranges and power quality issues.

ESSENTIAL: SVL SERIES

When equipment is installed in a controlled environment, these power supplies convert AC to DC power in a compact footprint.

UPS PRODUCT FAMILIES

» Off-Line Models

- › Mini-Tower or DIN mount

» Line Interactive Models

- › Mini-Tower, Tower or Rack mount

» Online Models

- › Tower, Rack or Modular designs



WHY IS A UPS NECESSARY?

- » Poor power quality
 - › Has your power ever been evaluated?
- » Located in an area with frequent storms
 - › Do storms cause momentary power failures?
- » Reliance on computerized equipment with high cost of downtime
 - › Does your business use computers for administrative tasks, or factory automation?



POWER CONDITIONING, ACTIVE TRACKING FILTERS AND SURGE PROTECTIVE DEVICES

» Power Conditioning

- › MCR 3% Line Regulation
- › CVS 1% Line Regulation
- › SolatronPlus – (3 phase)

» Surge Suppression

- › Service entrance
- › Distribution panels
- › Branch circuits

» Filters

- › Active tracking
- › Active Tracking with Surge protection
- › Data/Signal Protection



TRANSFORMER SOLUTIONS



» High Performance Control (SBE Transformers 50 VA-5 kVA

» Enclosed Control (HSZ) Transformers 1-10 kVA

» Voltage Regulating Transformers

- › Single Phase 150-15 kVA
- › Three Phase 20-75 kVA

» General Purpose Transformers

- › Low Temperature
- › K-Factor
- › 50 VA-500 kVA

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