Power Solution Flow Charts

We have provided some quick charts below to help migrate through our product catalog. Your specific application and environment will always determine the most suitable product. The following is a guide to help you determine the type of application you have.

Power Quality

SolaHD provides a broad array of power quality products to fit your application and your budget. SolaHD’s most relied upon industrial power quality solution, the voltage regulating power conditioner, is complemented by many surge, filter, UPS (Standby) and UPS (Online) options.

Our solutions can be divided into two main categories:

- Power Conversion - Manipulating AC or DC power to another state.
- Power Quality - Regulate, isolate, filter, protect or backup AC or DC power.

Whether you are protecting your expensive equipment, backing up power for outages or sags, or delivering clean, safe power to your sensitive devices for maximum productivity, SolaHD can provide the solution. Many of these products can be used in combination in your system or across your facility to provide a complete solution.

Contact Technical Services for any special requirements you may have.

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Do you need battery backup?

YES → UPS

NO → Transformers

UPS

Power Conditioning

What are you trying to protect from?

Blackouts

Brownouts

Harmonics

Transients

Isolation

Surge Suppression and Active Tracking Filters

Power Conversion

OTHER

Voltage Sag, Surge, Swells

Contact Technical Services for any special requirements you may have.
SolaHD offers a broad range of standard products to meet almost all of your industrial AC-AC, AC-DC, and DC-DC needs. DIN Mount, chassis and rackmount products are offered in many conversion topologies to meet your exact mounting and performance requirements.

SolaHD products are differentiated by industrial performance ratings such as wide temperature ratings, high MTBF, lack of fans in designs, continuous short circuit capabilities, high densities, and rugged packaging. Global specifications and high efficiency designs make industrial system design easy.

Power Conversion

Are you trying to convert power from one form to another?

YES

From AC to DC, DC to DC or AC to AC?

NO

Do you need Isolation?

YES

AC or DC, Isolation?

NO

See Power Quality Chart

Visit our website at www.emerson.com or contact Technical Services at (800) 377-4384 with any questions.

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