GreenLightUPS

Symmetra PX Designs

Central UPS for workstations

Many people are looking for an alternative to individual UPS systems at each workstation. The cost, hassle, and non-integration limitations are making many people consider a central UPS for critical workstation needs.

Below is a typical Central UPS design using the Symmetra PX 3phase system. This is good for 100+ workstations.

Main Panel **Symmetra PX UPS** **UPS Panel** **Workstation Power**

A 80k Symmetra needs 250amp 3phase breaker from a 3phase 208volt panel.

The Symmetra PX can be 10-80kva depending on your needs. Most systems include a main UPS, external battery cabinet and bypass cabinet. Displays and Network connections allow for monitoring of your power usage.

Typically a 200amp dedicated subpanel is installed to handle all the UPS loads

Using new or existing wiring the workstation outlets are connected to the UPS panel

We find installing Blue receptacles marked UPS helps prevent non critical loads from being installed on the UPS

If possible include Non UPS outlets nearby so heaters, vacuum cleaners, printers, lamps, etc can be plugged in without distrubing the UPS

IMPORTANT TIPS

To prevent overloading the UPS, make sure only critical circuits are installed in the UPS panel. A/Cs, Printers, Appliances, etc should not be on that panel.

Design your system for 60% running load. Startup of equipment may increase your load momentarily.

The PX can be upgraded Hot, so if your needs increase more power can be applied easily.

GreenLightUPS.com - a service of Wesworth Electric, Inc. 954-580-4070 - State License EC13002061

GreenLightUPS

Symmetra LX Designs

Central UPS for workstations

Many people are looking for an alternative to individual UPS systems at each workstation. The cost, hassle, and non-integration limitations are making many people consider a central UPS for critical workstation needs.

Below is a typical Central UPS design using the Symmetra LX 16kva system. This is good for 30+ workstations.

Main Panel **Symmetra LX UPS** **UPS Panel** **Workstation Power**

A 16k Symmetra needs a 100amp 2pole breaker from a 208volt panel.

The Symmetra LX includes base runtime in its cabinet, but often has accessory cabinets for batteries and an bypass unit. Displays and Network connections allow for monitoring of your power usage.

Typically a 80amp dedicated subpanel is installed to handle all the UPS loads

Using new or existing wiring the workstation outlets are connected to the UPS panel

We find installing Blue receptacles marked UPS helps prevent non critical loads from being installed on the UPS

If possible include Non UPS outlets nearby so heaters, vacuum cleaners, printers, lamps, etc can be plugged in without distrubing the UPS

IMPORTANT TIPS

To prevent overloading the UPS, make sure only critical circuits are installed in the UPS panel. A/Cs, Printers, Appliances, etc should not be on that panel.

Design your system for 60% running load. Startup of equipment may increase your load momentarily.

The LX can be mounted in a cabinet or separate as a rolling tower unit.

Symmetra RM Designs

Central UPS for workstations

Many people are looking for an alternative to individual UPS systems at each workstation. The cost, hassle, and non-integration limitations are making many people consider a central UPS for critical workstation needs.

Below is a typical Central UPS design using the Symmetra RM 6kva system. This is good for 12 workstations.

Main Panel **Symmetra RM UPS** **UPS Panel** **Workstation Power**

A 6k Symmetra needs a 40amp 2pole breaker from a 208/240volt panel.

The Symmetra RM does not accept hardwired connections normally, but paired with our 6kva bypass transformer, it can be made to accept these connections.
All the features of the Symmetra, including redundancy, additional runtime and management are available.

Typically a 30amp dedicated subpanel is installed to handle all the UPS loads

Using new or existing wiring the workstation outlets are connected to the UPS panel

We find installing Blue receptacles marked UPS helps prevent non critical loads from being installed on the UPS

If possible include Non UPS outlets nearby so heaters, vacuum cleaners, printers, lamps, etc can be plugged in without distrubing the UPS

IMPORTANT TIPS

To prevent overloading the UPS, make sure only critical circuits are installed in the UPS panel. A/Cs, Printers, Appliances, etc should not be on that panel.

Design your system for 60% running load. Startup of equipment may increase your load momentarily.

The RM can be mounted in a cabinet or separate as a rolling tower unit.

GreenLightUPS.com - a service of Wesworth Electric, Inc. 954-580-4070 - State License EC13002061