

Scenario E

10-30 Racks – Small Data Center Three Phase

This is an example of a recommended solution:

| Specifications | Scenario E |
|----------------------|----------------------------------|
| Input Power | 480 / 208V - 3 phase |
| Raised Floor | Optional |
| kW Range | 36 - 72 kW |
| Racks | 10 - 30 |
| UPS | Liebert NX On-line |
| Power Distribution | |
| - Panel boards | Liebert FPC |
| - Power strips | Liebert MP Advanced Power Strips |
| - Maintenance Bypass | Included in UPS |
| Cooling | Liebert DS |
| Monitoring | Liebert Nform |
| Server Shutdown | Liebert MultiLink |
| Surge Suppression | Liebert AccuVar |

Solution:

As your system needs grow more complex, Liebert has the right solution for you. Designed specifically for the data center of 10 – 30 racks, this example combines racks, managed power strips, energy efficient precision cooling, uninterruptible power, power distribution, surge suppression, monitoring, server shutdown software, installation service and support – all pre-engineered to work as a cohesive system.

Use this suggested scenario to begin framing the protection that suits your needs. To configure a solution, contact your local Liebert representative or call 1-800-877-9222.

Products:

- **Knurr Rack** – Lightweight, modular racks that offer 83% ventilation and simple add-on options.
- **Knurr Cable Management** – A full line of cable management accessories for effective control of any cabling requirements.
- **Liebert MP Advanced Power Strip** – Designed to distribute and manage power within the rack and meet the requirements of any rack-mounted IT equipment.
- **Liebert NX UPS** – A compact three-phase true on-line UPS that offers power-factor correction, frequency conversion, internal dynamic bypass, internal maintenance bypass switch, internal batteries, additional battery cabinets, intelligent local monitoring and remote communications.
- **Liebert NX Battery Cabinet** – Extended battery cabinets are also available for longer back-up times. The Extended Battery Cabinet is a modular cabinet that will hold a maximum of 12 battery modules with the same level of monitoring and control as the battery modules fitted in the UPS.
- **Liebert FPC Power Distribution** – A self-contained rack that provides power isolation, power distribution to the individual racks, IT equipment-grade grounding and local monitoring.
- **Liebert AccuVar Surge Suppressor** – Provides unparalleled protection from transient surges and electrical line noise.
- **Liebert DS Precision Cooling** – An active precision room cooling system providing a highly energy-efficient solution, including temperature, humidity, filtration and airflow.
- **Liebert Nform Monitoring Software** – Network-based monitoring of alarm notifications from cooling and power equipment.
- **Liebert MultiLink Shutdown Software** – Automated shutdown software permits configurable responses to UPS status changes.
- **Installation & Support Services** – Utilize Liebert’s local expertise to assist in assembling turnkey installation services as well as world-class service contracts for all of Liebert’s power and cooling products.

Products in this Scenario:



Knurr Racks

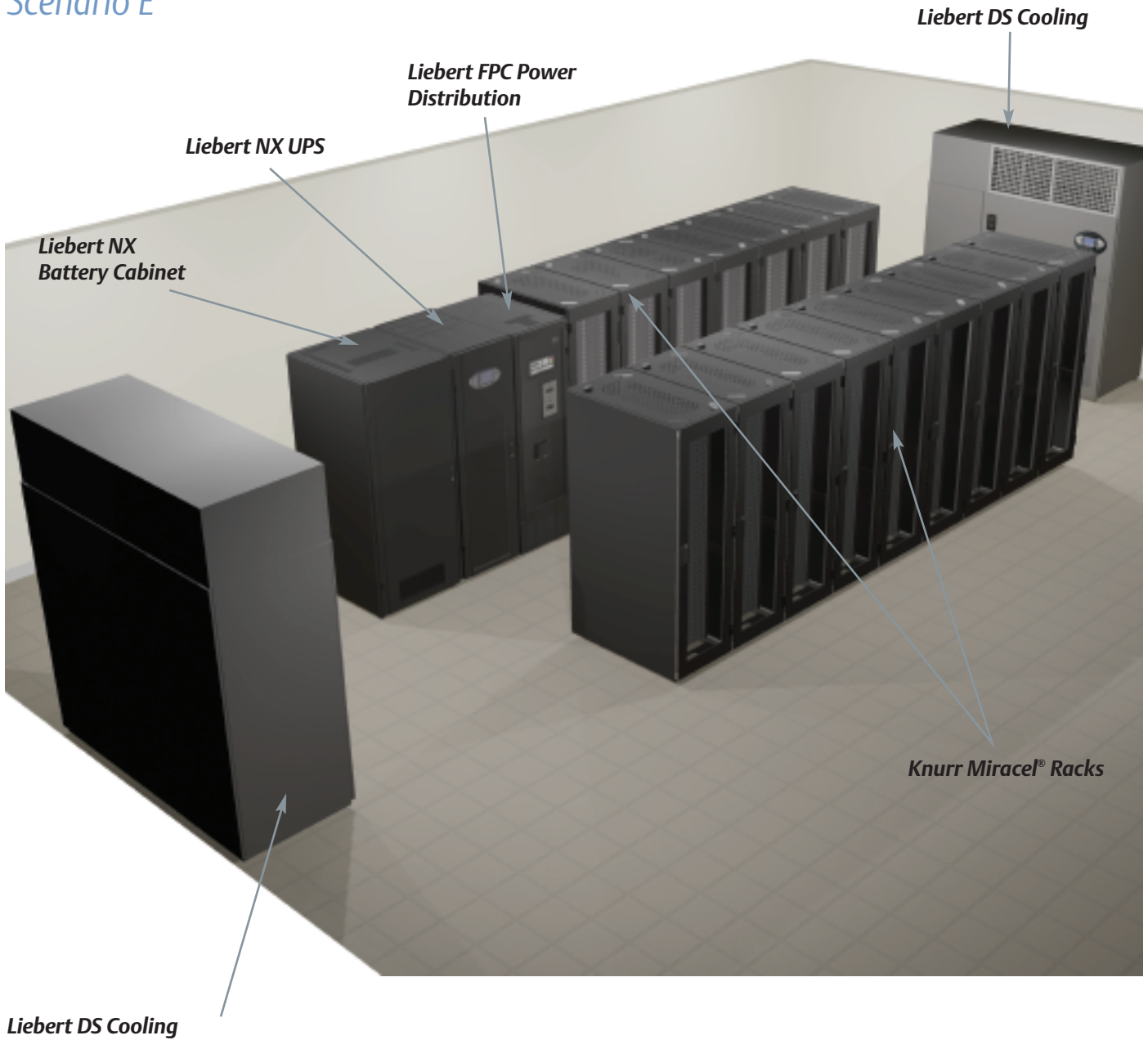


Cable Management



Liebert MP Advanced Power Strip

Scenario E



Liebert NX UPS



Liebert FPC Power Distribution



Liebert AccuVar



Liebert DS Cooling



Liebert Monitoring & Shutdown



Installation, Support and Services