

€ TRAINING

Advanced Gutor UPS and DC Charger





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Introduction:

This training program provides participants with essential knowledge and skills in Gutor Uninterruptible Power Supply UPS and DC Charger systems. It empowers them to understand the different types of Gutor UPS systems, their components, and best practices for optimization and efficiency.

Program Objectives:

At the end of this program, participants will be able to:

- Understand the fundamentals of Gutor UPS systems.
- Differentiate between PXW AC UPS and SDC DC UPS systems.
- Gain detailed knowledge of the software and hardware components of both systems.
- Apply common principles for both UPS types.
- Optimize and improve the efficiency of Gutor UPS systems.

Targeted Audience:

- Electrical Engineers.
- Maintenance Technicians.
- IT Professionals involved in power management.
- Operations Managers responsible for critical power systems.

Program Outline:

Unit 1:

Introduction to Gutor UPS:

- Overview of Gutor UPS technology.
- Importance of UPS systems in critical power management.
- Introduction to PXW AC UPS and SDC DC UPS systems.
- Key differences between AC and DC UPS systems.

- Applications and use cases for Gutor UPS systems.

Unit 2:

SDC System DC UPS:

- Detailed hardware components of the SDC system.
- Software features and management tools for SDC.
- Installation and configuration of SDC systems.
- Maintenance and troubleshooting of SDC hardware.
- Case studies on SDC system implementations.

Unit 3:

PXW System AC UPS:

- Detailed hardware components of the PXW system.
- Software features and management tools for PXW.
- Steps for Installation and configuration of PXW systems.
- Maintenance and troubleshooting of PXW hardware.
- Case studies on PXW system implementations.

Unit 4:

Common Information for Both Types:

- Shared principles and components in PXW and SDC systems.
- Monitoring and managing Gutor UPS systems.
- Safety protocols and compliance standards.
- Battery management and lifecycle considerations.
- Emergency response and failure recovery procedures.

Unit 5:

Optimization and Efficiency:



- Best practices for optimizing Gutor UPS performance.
- Techniques for improving system efficiency.
- Energy-saving strategies in UPS operation.
- Regular maintenance and its impact on efficiency.
- Future trends and innovations in UPS technology.