

# € TRAINING

Gutor UPS and DC Charger Certification  
Training to Operations



27 - 31 October 2024  
Cairo (Egypt)



# Gutor UPS and DC Charger Certification Training to Operations

REF: O2242 DATE: 27 - 31 October 2024 Venue: Cairo (Egypt) - Fee: 4465 Euro

## Introduction:

Uninterruptible power supplies UPS and DC chargers are essential components of many critical infrastructure systems. They provide backup power in the event of a power outage, and they can also be used to charge batteries and other devices. Gutor is a leading manufacturer of UPS and DC chargers. Their products are used by a wide range of customers, including businesses, government agencies, and educational institutions.

## Course Objectives

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

- Identify the basic electrical concepts related to UPS and DC chargers
- Describe the components of UPS and DC chargers
- Explain the operation of UPS and DC chargers
- Perform basic maintenance on UPS and DC chargers

## Targeted Audience:

- Facilities managers
- Electrical engineers
- Maintenance technicians

## Course Outlines:

### Unit 1: Basic Electrical Concepts

- Electrical power
- Voltage
- Current
- Resistance
- Ohm's law
- Power factor

### Unit 2: UPS and DC Charger Components

- UPS and DC charger components
- Batteries
- Inverters
- Rectifiers
- Chargers

### Unit 3: UPS and DC Charger Operation

- UPS and DC charger operation
- Normal operation

- Fault conditions
- Maintenance procedures

#### Unit 4: UPS and DC Charger Maintenance

- UPS and DC charger maintenance
- Preventive maintenance
- Corrective maintenance

#### Unit 5: Testing and Troubleshooting

- Testing and troubleshooting
- Common problems
- Troubleshooting procedures