



GE Three Phase UPS Commissioning Overview

This document provides a summary of the steps typically taken in commissioning the GE Digital Energy SG and LP33 series three phase UPS systems. The scheduled technician will perform the following inspections and record the results along with any exceptions in an appropriate data form.

Initial Inspection of the UPS installation with power removed

- Perform a mechanical inspection for damaged or loose parts.
- Perform an electrical inspection for correct input and output wiring.
- Perform a battery inspection for damage and correct wiring.
- Inspect options such as a Maintenance Bypass Panel or a Remote Status Panel for damage and correct wiring.

Initial inspection of the UPS with power applied

- Verify proper function of the display panel.
- Verify proper function of power supplies.
- Verify setup of battery parameters.
- Verify calibration of input voltages.

Functional inspection of the UPS in Service Mode

- Verify proper operation of the rectifier.
- Verify proper operation of the inverter.
- Verify proper operation of the static switch.
- Verify remaining calibrations.

Functional inspection of the UPS in Normal Mode

- Verify proper turn on sequence.
- Verify proper turn off sequence.
- Verify proper transfer sequence.
- Verify proper operation of options.

Optional RPA system inspection

- Verify proper RPA system settings.
- Verify proper RPA communication.
- Verify proper RPA parallel operation.

Finish commissioning

- Download a copy of the final parameters and events.
- Clear the event history.
- Perform a short training session utilizing the User Manual with the site personnel present.