

# SCOPE OF WORK

## UNINTERRUPTIBLE POWER SYSTEMS NX MODELS WITH INTERNAL BATTERIES ESSENTIAL SERVICE - 2 PM

### SERVICE SUMMARY

Feature	Detail
On-Site Service	Includes 1 Annual and 1 Semi-Annual Preventive Maintenance Services on Vertiv UPS and Vertiv internal batteries scheduled by the customer between 8am-5pm, Monday-Friday (excluding national holidays).
Response Time	Guaranteed 4-hour on-site emergency response, 7 days/week, 24 hours/day, within 150 miles of a Vertiv Services' Service City.
Customer Support	Includes access to the Customer Resolution Center (1-800-543-2378) and the Vertiv Customer Services Network Online Internet portal.
Parts	Includes parts coverage (limits may apply; see Assumptions and Clarifications, as applicable, for more details).
Internal Battery Coverage	Includes parts, labor, disposal and battery jars as required - up to 10% of the battery jars per year, not accumulated over contract term (limits may apply; see Assumptions and Clarifications, as applicable, for more details).
Labor & Travel	Includes 100% labor and travel coverage 7 days/week, 24 hours/day, within the 48 contiguous states and Hawaii.
Service Professional	Performed by Vertiv factory trained and authorized technician. Vertiv Services is the OEM service provider for Liebert products.
Battery Recycling	Includes battery recycling as required, with documentation meeting EPA requirements.

### SERVICE PERFORMED

#### UPS Full Preventive Maintenance Service

##### *Semi-Annual Service*

1. Perform a temperature check on all breakers, connections, and associated controls. Repair and/or report all high temperature areas.
2. Perform a complete visual inspection of the equipment including subassemblies, wiring harnesses, contacts, cables, and major components.
3. Check air filters for cleanliness. (if applicable)
4. Check rectifier and inverter snubber boards for discoloration.
5. Record all voltage and current meter readings on the module control cabinet or the system control cabinet.

##### *Annual Service (includes the above, plus)*

1. Check the inverter and rectifier snubbers for burned or broken wires.
2. Check all nuts, bolts, screws, and connectors for tightness and heat discoloration.
3. Check fuses on the DC capacitor deck for continuity (if applicable).