



## UNINTERRUPTIBLE POWER SYSTEMS SINGLE-PHASE MODELS (GXT 4.5KVA up to 10KVA)

### POWER ASSURANCE PACKAGE

- Includes BEST IN INDUSTRY UPS.
- Equipment installation and system Startup by Emerson certified personnel.
- Five-year (5-yr) repair maintenance coverage.
- On-site repair service. Service schedule is 24x7, 7 days/wk, excluding holidays.
- Labor and travel expenses are included within 50km-radius from Emerson's service office. Excludes airfare and accommodation expenses.
- 100% parts coverage including internal batteries but excluding filters.
- On-site response time or delivery of replacement unit is **next day**.
- One time Preventive Maintenance service included after year three (3).
- PM is performed by Emerson certified personnel.
- Available on-line technical phone support.
- Access to customer service hotline.
- Subject to all terms and conditions as noted in Emerson sales and service agreement.

### FEATURES AND BENEFITS

#### Availability

- Reliable UPS from Emerson Network Power assures complete protection of connected equipment and keep them running.
- Start up done by certified engineers gets your operations online faster and equipment operating properly.
- Proactively doing preventive maintenance reduces the risk of unplanned downtime.
- Guarantees availability of certified maintenance and repair support personnel for full five years from no less than Emerson Network Power.

#### Flexibility and Convenience

- Relieves customers from the hassle of getting their systems online.
- Gives customers 5-year worry free equipment maintenance protection.
- Frees up customers IT staff time and to focus on their other key projects.
- Available customer support hotline.

#### Total Cost of Ownership

- Reliable UPS, preventive maintenance and quick support response reduces unplanned downtime, thus contributes to cost reduction effort of customers.
- 100% full parts coverage including internal batteries during the 5-yr maintenance period saves customers of potential unlimited maintenance and downtime cost.
- Emerson total end-to-end solution gives faster ROI.



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#### Installation and start-up service covers the ff:

- Site Inspection – Emerson certified personnel shall ensure that equipment installation location meets proper environmental condition requirements in terms of physical space, safety, accessibility, electrical, security, grounding, ventilation, etc.
- Logistics coordination – administers the logistics requirements of the installation process from the delivery of equipment and scheduling of installation personnel.
- Unpacking – Emerson installation personnel inspects delivery against shipping defects, reports damage to the carrier and to Emerson representative. Ensures items delivered are complete and match with the packing list. Coordinates missing and incomplete deliveries.
- Assembly – Performs assembly of main cabinet, support or rack-mount brackets, internal batteries, distribution box, parts, accessories, cables. Includes positioning of the equipment to proper location.
- Cable Termination – Inspect proper wiring and cable connection.
- Testing and Commissioning – Visual inspection of connections. Performs electrical testing; battery testing; functionality testing of the unit; load and no load test; operation mode testing, program installation, settings, and configuration.
- *Others (Options)*
  - *Wiring/Cabling – Design, material specifications and provision, civil works and installation.*
  - *Extended Battery Cabinet Installation.*
  - *Off-hour installation, testing and commissioning service(24X7) – this option gives you the flexibility to choose the best schedule to implement the service for you to maximize your productivity and minimize impact to your operations.*



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#### UPS Full Preventive Maintenance Service

1. Using a Fluke multimeter, record the phase to phase input voltages.
2. Perform a temperature check on all breakers, connections and associated controls. Repair and/or report all high temperature areas.
3. Perform a complete visual inspection of the equipment, including sub-assemblies, wiring harnesses, contacts, cables and major components.
4. Check all nuts, bolts, screws, and connectors for tightness and heat discoloration.
5. Inspect for broken, brittle, damaged, or heat stressed components and cables.
6. Clean any foreign material and dust from internal compartments.
7. Perform a status check of alarm circuits.
8. Perform an operational test of the system including unit transfer to and from bypass
9. Perform an operational test of the system including unit transfer to and from battery.
10. Install or perform Engineering Field Modifications including firmware revisions as necessary.
11. Return the system to normal load and verify the output voltage.
12. Review system performance with customer to address any system questions

***NOTE: Start-up requires a shutdown of the load to ensure electrical connection integrity.***

***NOTE: Preventive Maintenance usually requires a shut-down to ensure electrical connection integrity.***