

## ALTERNATOR REWIND SERVICES

FAST AND EFFECTIVE SERVICE WORKING WITH LEAD TIMES THAT MATCH YOUR NEEDS

RELEASE #3

### ALTERNATOR OVERHAUL AND REWIND PROCEDURE

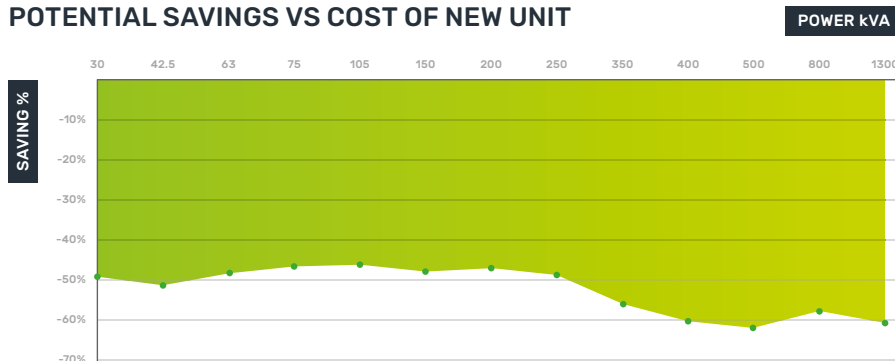
**On machine receipt, a pre inspection is undertaken, photographically logging machine condition and its physical arrangement before the full inspection procedure begins.**

- Detailed inspection is conducted through the dismantling process, with all critical dimensions noted. Wound components are subjected to an in-depth analysis. All components are cleaned and checked for faults.
- Rewinds utilise class H resins and insulation materials as IEC34 pt1 for rotating electrical machines, and classes of insulation systems.
- Insulation protection is upgraded with severe environment total winding protection included as standard.
- Bearings are replaced with industry approved high quality bearings.
- Alternator is re-assembled and dynamically tested with configured AVR. Detailed test reports are provided.
- Machine surfaces are coated with rust inhibitor and client's paint finish prior to despatch.
- Initial quotations are a guide only and all work is individually quoted on a job-by-job basis, with inspection.
- UK Mainland Carriage included on all orders below 350kVA. (Above 350kVA competitive carriage rates applied.)
- Any quote provided is valid for 30 days from submission.
- All costs quoted are subject to VAT at standard rate.
- Parts & Workmanship is warranted for a period of 6 months for o/haul and 12 months for rewind.

### OVERHAUL AND STATOR REWIND

### WHY REWIND RATHER THAN REPLACE

POTENTIAL SAVINGS VS COST OF NEW UNIT



- Typical cost saving of 50% over a new unit.
- Footprint/Physical fit guaranteed.
- Stator Windings enhanced with severe environment protection.
- May lead to increased power density/ reliability/efficiency as we utilise latest technology, techniques and material.