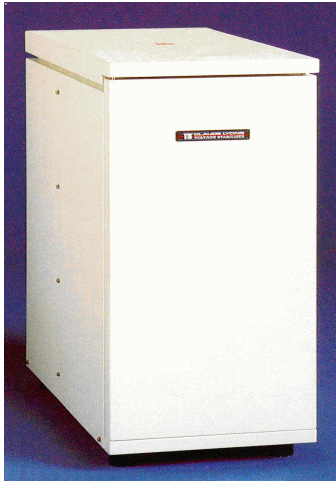


CLAUDE LYONS

specialists in AC voltage stabilisers



Part Number: ST-010041



The TS-555 voltage stabiliser is specifically designed for critical applications such as protecting Clinac 21 & 23 Series Linear Accelerators when fitted with the on-board Imager. Loss of mains supply stability can result in poor equipment functionality and reduced equipment life. TS-555 voltage stabilisers are installed throughout the world, endlessly working in the most hostile and arduous conditions. Their robust electrical and physical construction provides the highest level of reliability and durability.

FEATURES

- High accuracy better than $\pm 0.5\%$
-
- Ultra-high response speed
-
- High efficiency > 98% at full load
-
- Negligible waveform distortion
-
- Unaffected by supply frequency variations
-
- Unaffected by load power factor
-
- Independent phase control
-
- Indoor tropical rating
-
- Very low temperature coefficient
-
- User selectable input settings
-
- A full range of single-phase units rated up to 385kVA and three phase to 1150kVA
-
- Transient suppression as standard

SPECIFICATION

Output Voltage	Set at 400V 3 phase
Input Voltage	The input voltage correction range (swing) is given in percentage terms relative to the output voltage setting Tap A setting $- 17.5\%$ to $+ 7.5\%$ Tap B setting $\pm 12.5\%$ (set as standard) Tap C setting $- 7.5\%$ to $+ 17.5\%$
Output voltage stability	$\pm 0.5\%$ of selected output voltage
Rated	69kVA (100 Amps per phase)
Supply frequency	47 to 65Hz
Waveform distortion	Negligible
Effect on load PF	None
Surge rating	1000% for 2 seconds 300% for 2 minutes
Surge voltage	IEEE 587 Cat A test
Speed of correction	40% per second
Operational temperature range	$- 5^{\circ}\text{C}$ to $+ 45^{\circ}\text{C}$
Temperature coefficient	0.01% per $^{\circ}\text{C}$ from ambient
IP Rating	IP20
Dimensions (H x W x D)	1500 x 390 x 700mm.
Weights	Net 300kg, shipping 361kg

E&OE issue 2005/a Due to continuous improvements Claude Lyons reserve the right to change specifications without notice

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