

Nitel Servo Stabiliser

High-Precision Voltage Regulation & Protection Solutions



Floor-Standing Single Phase Model

Product Overview

Experience monumental savings and supreme efficiency with the **Nitel Servo Stabiliser**. Delivering output voltage regulation within $\pm 1\%$ and an impressive accuracy of $\pm 0.5\%$ of full scale, it ensures consistent protection for sensitive electrical equipment.

Featuring a 35 V/sec average correction rate, nil waveform distortion, and robust voltage cut-off protection at 110%, it stands as the preferred choice for homes, offices, and industrial environments.

MOQ: 1 Unit

Capacity: 1-20 kVA

Air Cooled

All India Delivery

Technical Specifications

Specification Parameter	Details
Display Type	Digital voltmeter
Output Voltage	230 V (Internally settable to 220 V or 240 V)
Components	A.C. Stepper motor
Resolution	1 Volt
Input Voltage Range	170 V to 207 V
Key Features	Electronic under/over voltage protection, overload cut off, LED indications, resetting modes
Power Supply & Frequency	AC, 47 to 53 Hz
Capacity Options	1, 2, 3, 4, 5, 7.5, 10, 15 & 20 kVA
Average Correction Rate	35 V/Sec
Waveform Distortion	Nil
Accuracy	$\pm 0.5\%$ of full scale, ± 1 digit
Mounting Type & Cooling	Floor standing, Air cooled

Reset Modes & Indication	Selectable manual/auto reset, LED & beeper indication
Output Regulation & Phase	±1% of nominal voltage, Single phase

Trade Information & Commercial Terms

Commercial Term	Description
Minimum Order Quantity	1 Unit
Payment Terms	Cash in Advance (CID)
Supply Ability	Unit
Delivery Time	5 - 7 Days
Main Domestic Market	All India
Colour	Standard Grey

Frequently Asked Questions (FAQ)

Q: How does the Nitel Servo Stabiliser maintain brilliant voltage precision?

A: The Nitel Servo Stabiliser offers ±1% output regulation and ±0.5% accuracy of full scale, automatically correcting voltage fluctuations at an average rate of 35 V/Sec to deliver consistent, reliable output for your equipment.

Q: What are the key safety benefits included in the stabiliser's design?

A: This stabiliser features a voltage cut off protection at 110% with delay, latching and non-latching LED indicators, and both manual and auto reset modes, providing monumental safety for your electronic devices.

Q: Where can the Nitel Servo Stabiliser be used most effectively?

A: It is ideal for application in homes, offices, and industrial facilities—anywhere stable single-phase voltage is required, particularly where sensitive or high-value electrical equipment is used.

Q: What is the process for installing and using the Nitel Servo Stabiliser?

A: Installation is simple due to its floor-standing, air-cooled design. Users can select between manual and automatic reset modes and easily monitor input/output status via the LED and beeper indicators.