



TNS MAX SERIES VOLTAGE STABILIZERS

120KVA-2000KVA



GENERAL OVERVIEW

TNS PRO Series Voltage Stabilizers are designed to provide precise and stable voltage regulation, ensuring optimal performance and protection for your electrical systems. Equipped with advanced microprocessor control and robust protection features, these stabilizers are ideal for both industrial and commercial applications.

KEY HIGHLIGHTS:

- ADVANCED MICROPROCESSOR-BASED CONTROL
- HIGH EFFICIENCY > 98%
- WIDE POWER RANGE (120KVA TO 2000KVA)
- DURABLE DESIGN WITH INDOOR PROTECTION (IP21)

APPLICATIONS

THE TNS PRO SERIES STABILIZERS ARE SUITABLE FOR:

- INDUSTRIAL MACHINERY
- MEDICAL EQUIPMENT
- DATA CENTERS
- TELECOMMUNICATION SYSTEMS
- COMMERCIAL BUILDINGS
- HVAC SYSTEMS

WHY CHOOSE TNS PRO SERIES?

1. ENHANCED POWER QUALITY: PRECISE REGULATION ENSURES STEADY VOLTAGE FOR SENSITIVE EQUIPMENT.
2. LONG-TERM RELIABILITY: DURABLE CONSTRUCTION AND CUTTING-EDGE TECHNOLOGY MINIMIZE DOWNTIME.
3. VERSATILITY: IDEAL FOR DIVERSE APPLICATIONS ACROSS INDUSTRIES.
4. ECO-FRIENDLY DESIGN: HIGH EFFICIENCY REDUCES ENERGY LOSS AND OPERATIONAL COSTS.



TECHNICAL SPECIFICATIONS

Input Voltage	380V ± 25%
Input Frequency	50Hz ± 5%
Output Voltage	380V ± 1%
Output Frequency	50Hz
Efficiency	>98%
Power Factor	0.8
Correction Speed	15-40 ms/V
Cooling Method	Natural/Forced Air
Protection Level	IP21 (Indoor Use)
Working Temperature	-20°C to +50°C
Overload Capacity	200% for 1 Minute

PROTECTION FEATURES

- Over Voltage / Under Voltage Protection
- Short-Circuit Protection
- Over Current Protection
- Manual Bypass

CONTROL TECHNOLOGY

- Fully Automatic Servo Control
- Digital Monitoring with a Built-in Digital Multimeter

AVAILABLE POWER RANGE

The TNS PRO Series offers a broad range of capacities to suit various power needs: 120KVA – 2000KVA

APPEARANCE

RAL 9005: Black
RAL 7035: Light Grey

