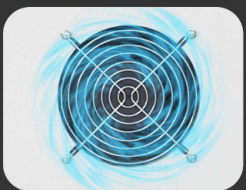




PROGRAM CONTROL
HIGH OUTPUT VOLTAGE PRECISION UP TO 2.5% FAST RESPONSE WITH TEMPERATURE PROTECTION



CARBON BRUSH
EXCELLENT PERFORMANCE, LOW HEAT DESIPATION WITH INPUT RANGE (140V ~ 260V)



HIGH QUALITY COOLING FAN
HIGH QUALITY FAN TO AVOID HIGH TEMPERATURE WHICH ENABLES BETTER VOLTAGE STABILIZE



SMART DISPLAY
LCD DISPLAY TO MONITOR INPUT & OUTPUT VOLTAGE & CURRENT OF EACH PHASE



MANUAL BY-PASS OPTION
HASSLE FREE BY-PASS OPTION WITHOUT CUTOFF LOAD POWER



VOLTAGE PROTECTION
OVER AND UNDER VOLTAGE PROTECTION, SECURE YOUR ELECTRONICS DEVICES



DUAL VOLTAGE OUTPUT
380VOLT / 220 VOLT (PHASE TO PHASE) OUTPUT AS PER LOAD REQUIREMENT



HIGH TEMP. RESISTANCE MATERIAL
AVR CAN BARE TEMPERATURE UPTO 200 C, DUE TO HIGH RESISTANCE INSULATION MATERIAL TO ABSORB TWO TIMES CURRENT SURGES



SURGE PROTECTION DEVICE
EFFICIENT PROTECTION BY MEANS OF SPD TO SAVE EQUIPMENT



ONE YEAR WARRANTY PROMISE
MAKES CUSTOMERS USE MORE AT EASE

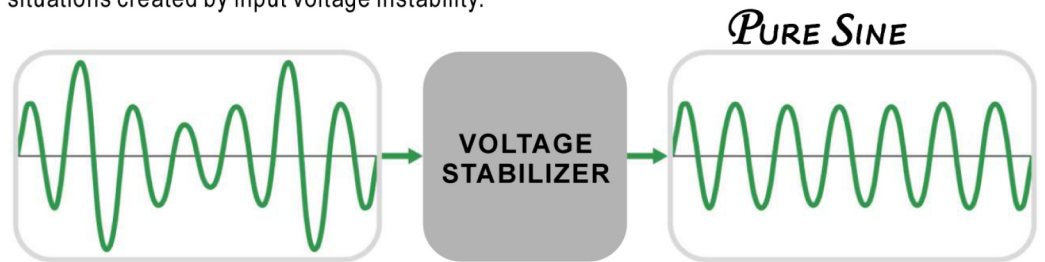
Warrior



Three-phase 3-100kVA

The solution

The **voltage stabilizer** has proven to be an effective solution able to prevent potentially dangerous situations created by input voltage instability.



- The main application fields where devices sensitive to voltage variations can be used include:
- **Industrial sector:** oil & gas, laser cutting, water shearing, tobacco industry, textile industry, galvanic processes, machinery in general.
 - **Food & Beverage:** industry, intensive breeding, food processing, packaging, bottling.
 - **Tertiary & servicing:** banks, hotels & tourist resorts, data centre, laboratories, small businesses, private users.
 - **Telecommunications:** TV/Radio stations, telecom networks.
 - **Public sector:** hospitals, public offices & institutions.
 - **Renewable sources:** solar and wind farms.

Standard features

Voltage stabilization	Independent phase control
Output voltage	380V(L-L)/200V(L-L)
Output voltage accuracy	±2.5%
Frequency	50Hz ±5% or 60Hz±5%
Admitted load variation	Up to 100%
Admitted load imbalance	100%
Cooling	Added with fans
Ambient temperature	-30/+55°C
Storage temperature	-30/+55°C
Max relative humidity	95%(non condensing)
Admitted overload	200% 1min.
Harmonic distortion	None introduced
Colour	Grey color
Protection degree	IP21
Instrumentation	Output digital multimeter
Installation	Indoor
Overvoltage protection	Output Class surge II arrester

*The output voltage can be adjusted by choosing one of the indicated values.

Such choice sets the new nominal value as a reference for all the stabilizer parameters.

Model	Rating (KVA)	Range	Dimensions W*D*H(mm)
TNS-WS-3KVA	3KVA	±30%	280*415*700
TNS-WS-6KVA	6KVA	±30%	280*445*700
TNS-WS-10kVA	10KVA	±30%	300*445*800
TNS-WS-15kVA	15KVA	±30%	335*680*835
TNS-WS-20kVA	20KVA	±30%	335*680*835
TNS-WS-30kVA	30KVA	±30%	300*600*800
TNS-WS-40kVA	40KVA	±30%	335*680*835
TNS-WS-50kVA	50KVA	±30%	335*680*835
TNS-WS-60kVA	60KVA	±30%	385*725*1030
TNS-WS-80kVA	80KVA	±30%	450*850*1200
TNS-WS-100kVA	100KVA	±30%	450*850*1200
TNS-WS-120kVA	120KVA	±30%	450*850*1200