

AUTOMATIC VOLTAGE STABILIZER

# TNS MAX series



INPUT: 266-494V OUTPUT: 380V

- DIGITAL DISPLAY**
- HIGH/LOW VOLTAGE PROTECTION**
- WIDE INPUT RANGE**
- DELAY FUNCTION**
- OVERCURRENT PROTECTION**
- PHASE FAILURE PROTECTION**

| Type                       | TNS MAX-120KVA   | TNS MAX-150KVA |
|----------------------------|--|----------------|
| Rated power                | 96KW   | 120KW          |
| System                     | Three-phase  |                |
| Input voltage range        | 266-494V   |                |
| Rated input current        | 145. 4A  | 181. 8A        |
| Output voltage             | 380 V  |                |
| Efficiency                 | >96 %  |                |
| Compensation Duration      | Continuous   |                |
| Adjustment speed           | 50 ms/V  |                |
| Dimensions WxDxH           | 905*660*1395MM   | 905*660*1395MM |
| Weight                     | 370kg  | 430kg          |
| <b>Standard features</b>   |  |                |
| Frequency                  | 50Hz ±5% or 60Hz ±5%   |                |
| Output voltage accuracy    | ±3%  |                |
| Admitted load variation    | Up to 80%  |                |
| Cooling                    | Fan  |                |
| Ambient temperature        | -25/+45°C  |                |
| Storage temperature        | -25/+60°C  |                |
| Max relative humidity      | <95% (non condensing)  |                |
| Admitted overload          | 110% 10min.  |                |
| Color                      | 2310   |                |
| low voltage protection     | when output lower than 326V±6V will start  |                |
| Over voltage protection    | when output more than 426V±6V will start   |                |
| Over current protection    | when current meet 100% capacity will start   |                |
| Over heat protection       | when temperature meet to 115 degree, the protection will start                       |                |
| Phase failure protection   | when phase sequence is wrong, the protection will start, and no output               |                |
| Neutral failure protection | when neutral line lost or connect wrong, the protection will start and cut off input |                |
| Protection degree          | IP 21  |                |
| Instrumentation            | LED  |                |
| Installation               | Indoor   |                |