



AUTOMATIC VOLTAGE STABILIZER

4KVA - 5KVA

FEATURES

- Wall Mounted Design- Sturdy that makes it extremely easy to install
- Advanced digital display that helps to measure the input and output voltages
- Works Automatically without any manual intervention
- It automatically Steps Up and Steps Down Output Voltage
- Input Voltage range goes beyond 145 V & 270 V (lower input voltage models available), it automatically cuts the Grid Supply so that there is no harm to the Air Conditioner
- High Efficient Transformer Provides Reduced heating

Makvolt made Automatic Voltage Stabilizers provides protection to the Air Conditioners against Voltage Fluctuations. Our Stabilizers are based on Microprocessor technology that provides High Performance and Better Reliability during frequent Voltage Fluctuations.

CONSTANT VOLTAGE TRANSFORMER (CVT)

500 VA to 5 kVA

Makvolt made Constant Voltage Transformers are ferroresonant that are ideal, maintenance free solutions for loads that can suffer erratic operation or be damaged by electrical noise, local transients, mains power sags, surges and brownouts. CVTs have Primary winding and Secondary winding that are separated from each other, this process is called as Galvanic Isolation and this ensures that there is no direct link between the input supply and output load. Our device also works in reverse mode to prevent a 'noisy' load from polluting the mains supply.

APPLICATIONS

- Medical Equipments.
- Lab Instruments.
- Sensitive electronic devices.



TECHNICAL SPECIFICATIONS

Input Voltage	: 170 - 270V AC
Line Frequency	: 50 Hz
Output Voltage	: 220 - 230V \pm 1%
Efficiency	: \sim 90% under full load conditions
Output	: Waveform Sinewave
Waveform Distortion	: \sim 5% under full load conditions
Load power Factor	: 0.75% lag to 0.9% lead
Ambient Temperature	: 10°C to 50°C
Transformer Type	: Ferro-Resonant
Effect of Frequency	: 1.6 % change in output voltage for every 1% change in line frequency