

# CVT

## CONSTANT VOLTAGE TRANSFORMER

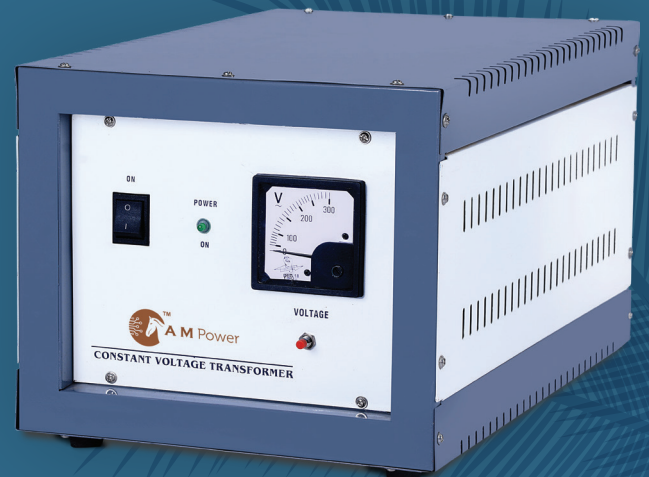


AM Power

A M Power's CVTs embody proven technology designed on the principle of ferro-resonance. These transformers ensure controlled output voltage, making them a reliable choice for applications where stable and clean power is imperative.

Operating with fast response, output short-circuit protection, and high reliability, CVT maintains stable output voltage by leveraging ferro-resonance. This technology proves effective in countering voltage fluctuations and providing uninterrupted power.

- ✓ **PROTECTION**  
CVT ensures complete protection against spikes and also provide controlled output voltage.
- ✓ **CAPACITY**  
Single Phase : 180V-280V  
Rugged Industrial Design
- ✓ **LOW ELECTRICITY**  
Highly efficient & low electricity consumption as compared to local CVT/products



## STANDARD FEATURES

- ☑ Proven Technology
- ☑ High Reliability
- ☑ Fast Response
- ☑ Output Short Circuit Protected Rugged Industrial
- ☑ Design High efficiency products & low electricity consumption as compared to local CVT
- ☑ Easy to install and affordable
- ☑ Maintenance cost almost to zero

### MOST COMMON USE CASES

- Embroidery Machines
- Signalling Instruments
- EPABX systems
- Electronic Typewriters
- IT Infrastructure and Networking Systems
- Computers & Peripherals
- Transmitters
- Scientific Instruments
- Laboratory Equipment
- Photo Flash Equipment

### *We Build... What You Need*

*A M Power's CVT transformer is designed on the basic principle of Ferro - resonance, in which output winding is resonated with the help of select value or high stability capacitors.*



## TECHNICAL SPECIFICATIONS

Capacity	150 VA to 5 KVA
Input Voltage	180V to 280V
Output Voltage	230 + -1%
Line Frequency	50Hz +- 2%
Efficiency	98% approx. under full load conditions
Output Wave Form	Sinusodial
Correction Rate	1/2 cycle
Load Power Factor	0.75% lag to 0.9% lead
Ambient Temperature	-5C to 50C
Transformer type	Ferro-resonant

## OTHER APPLICATIONS

CNC Machines	Printing Machines	Food Industries	Medical Diagnostic Equipment
Lab Equipment	Electronic Equipment	Data centers	Process Control equipment's
Water Treatment Plant	Injection Moulding Ind.	Robotics	Telecommunication Systems
Textile Machinery	Automobile Industries	HVAC Plants	Automatic car Parking System
Hospitals	Residential	Elevators	Pharmaceutical Machine



Ferrow Resonant Technology



Magnetic transformer with special construction



Comes with a capacitor connected across the secondary winding of the transformer

## SUPPORT SERVICES

- Maintenance work to improve life and productivity of machine.
- Committed response time during breakdown.
- Maintenance can be scheduled during holidays or at plant shutdowns to prevent loss of production.
- We are also offering Annual Maintenance Contract service for the prompt and hassle free service arrangements for our valuable customers.
- With every purchase from A M Power, you are getting conventional and customer centric support.
- Guaranteed "After Sales Support" experience.

## CONTACT

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