

We Are Growing Because  
Of Our Customer.....!



VOLT CONTROL SYSTEM



**CVT**  
**CONSTANT VOLTAGE TRANSFORMER**

## About Us

Welcome to Volt Control System, Pune, India - Your Trusted Partner for Customized Winding Components and Electrical Solutions.

### About Us

With over 40 years of expertise in the manufacturing of electrical components, Volt Control System, based in Pune, India, specializes in producing high-quality winding components and customized solutions to meet the unique needs of diverse industries.

### OUR JOURNEY

Established in 2006, Volt Control System has consistently expanded its product range to cater to the evolving demands of the industry. We prioritize quality solutions and exceptional services to ensure customer satisfaction. Our dedication has allowed us to deliver tailored solutions to a wide array of industries.

### OUR EXPERTISE

We pride ourselves on being a leading producer of winding components and offering customized manufacturing. Our solutions address the most intricate challenges in various industries, including:

- Aviation
- Machine tool industry
- Food Industry
- Automobile industry
- Oil and natural gas industries
- Chemical, petroleum, and pharmaceutical industries
- Textile industries
- Defence and research institutes

### COMMITMENT TO QUALITY

Our success is rooted in continuous assessment and improvement of the quality of raw materials and finished products. Combined with customer-centric after-sales services, this approach has helped us reach the milestone we stand at today.

### PARTNERING FOR SUCCESS

We believe that our success is a reflection of the support and trust we receive from our customers. We strive to build lasting relationships and achieve even greater milestones together.

### OUR PROMISE

In the face of industry challenges and the needs of OEMs, our well-managed and automated unit in Pune enables us to deliver the highest quality products and solutions. Engineered with confidence, our reliable solutions are designed to enhance your productivity and profitability, reflecting our prime motto.

PRODUCT	SINGLE PHASE CVT		
	2-5 KVA	6 - 7.5 KVA	10 KVA
CAPACITY	2-5 KVA	6 - 7.5 KVA	10 KVA
INPUT VOLTAGE	230VAC 1PH +/-10%		
INPUT FREQUENCY	50Hz ANY FACTORY CONFIGURABLE		
OUTPUT VOLTAGE	ANY FACTORY CONFIGURABLE		
OUTPUT FREQUENCY	ANY FACTORY CONFIGURABLE		
REGULATION	+/-1%		
WAVEFORM	SINEWAVE		
DISTORTION	<3% ON LINEAR LOAD		
	<5% ON NON-LINEAR LOAD		
OVERLOAD PROTECTION	110% FOR 1 MINUTE AND 150% FOR 1 SECOND.		
INGRESS PROTECTION	IP20 (OPTIONAL 2x,3x,4x,5x,6x)		
EFFICIENCY	>85%		
PROTECTIONS AT INPUT	a) MCB		
	b) OVER VOLTAGE		
	c) UNDER VOLTAGE		
	d) SURGE SUPPRESSION		
PROTECTIONS AT OUTPUT	a) OVER VOLTAGE		
	b) UNDER VOLTAGE		
	c) OVER CURRENT		
	d) SHORT CIRCUIT		
	e) SOFT START		
DIGITAL METER	a) INPUT VOLTAGE		
	b) INPUT CURRENT		
	c) INPUT FREQUENCY		
	d) OUTPUT VOLTAGE		
	e) OUTPUT CURRENT		
	f) OUTPUT FREQUENCY		
ENCLOSURE TYPE	MS FABRICATED		
COLOUR	RAL 7032		
	CLIMATIC CONDITIONS		
OPERATING TEMPERATURE	-20 to + 55 degree C		
ALTITUDE	3500 METER		
STORAGE	-30 to + 70 degree C		
DIMENSIONS IN mm (APPROX)	330x620x600	330x560x650	400x700x720
WEIGHT IN KG (APPROX)	45-60	70 - 100	100 - 120

Empower your business with precision and reliability  
discover our expertise in manufacturing customized  
CVT, tailored to meet your  
unique power requirements.

Due to VCS Policy of continuous improvement in product quality, some feature and Size of items may change.

PRODUCT	THREE PHASE CVT					
CAPACITY	5 TO 20 KVA	25 TO 50 KVA	60 TO 80 KVA	90 TO 125 KVA	150 TO 200 KVA	225 TO 300
INPUT VOLTAGE	415VAC 3PH +/-10% ANY FACTORY CONFIGURABLE					
INPUT FREQUENCY	50Hz ANY FACTORY CONFIGURABLE					
OUTPUT VOLTAGE	ANY FACTORY CONFIGURABLE					
OUTPUT FREQUENCY	ANY FACTORY CONFIGURABLE					
REGULATION	+/-1%					
WAVEFORM	SINEWAVE					
DISTORTION	<3% ON LINEAR LOAD					
	<5% ON NON LINEAR LOAD					
OVERLOAD PROTECTION	110% for 1 minute and 150% for 1 second.					
INGRESS PROTECTION	IP20(OPTIONAL 2x,3x,4x,5x,6x)					
EFFICIENCY	>85%					
PROTECTIONS AT INPUT	a) MCB OR MCCB					
	b) OVER VOLTAGE					
	c) UNDER VOLTAGE					
	d) SURGE SUPPRESSION					
PROTECTIONS AT OUTPUT	a) OVER VOLTAGE					
	b) UNDER VOLTAGE					
	c) OVER CURRENT					
	d) SHORT CIRCUIT					
	e) SOFT START					
DIGITAL METER	a) INPUT VOLTAGE					
	b) INPUT CURRENT					
	c) INPUT FREQUENCY					
	d) OUTPUT VOLTAGE					
	e) OUTPUT CURRENT					
	f) OUTPUT FREQUENCY					
ENCLOSURE TYPE	MS FABRICATED					
COLOUR	RAL 7032					
	CLIMATIC CONDITIONS					
OPERATING TEMPERATURE	-20 to + 55 degree C					
ALTITUDE	3500 METER					
STORAGE	-30 to + 70 degree C					
DIMENSIONS IN MM (APPROX)	800x600x800	800x600x1200	800x600x1800	1000 x 800 x 1900	1550 x 850 x 1800	1700x1000x2000
WEIGHT IN KG (APPROX)	100 - 150	250 - 500	600 - 800	1000 - 1300	1300 - 1800	1800 - 2200

#### STANDARDS FOLLOWED

IS5921/1249	Copper cladbace material in electrical/electronic equipment's
IS6297/2026	Transformers and inductors.
IS 6553	Environmental requirements for semiconductors and Integrated circuits.
IS4064	Airbreak switches
IS8828	MCBs
IS 9224	HRC fuses
IS1248	Indicating instruments
IS 6619	Semiconductor Rectifier equipment safety
IS613	Copper busbars
IS2959	Contactors.
IS3231	Electrical relays
IS13703	Low voltage fuses
IS4540	Mono Crystal line Semi conductor rectifier assembly
IS4237	General requirements for switchgear and control switches
IEC62040-2	Electro magnetic conduction and interference.

# PRODUCT IMAGES



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## OUR SECTOR



## INDUSTRIAL SECTORS

- Machine Tools: CNC, VMC, HMC, SPM
- Engineering Workshop
- Automotive Industry
- Electronics & Telecommunication
- Textile Process Industries
- Hospital Operation Theatre, X-Ray Digital, Diagnosis Centre
- Packaging Industries
- Panel manufacturers
- Pharmaceutical, Chemical Industry
- Petrochemical, Oil, Natural Gas Industries

## COMMERCIAL SECTORS

- Mall IT Sector, Bank, Institute,
- Showroom, House

## AGRICOS SECTORS

- Food & Beverage, Industries, Dairy, RO Plant
- Rice Mill, Oil Mill, Groundnut Decorticator, Water Pump
- Chilly Crushing, Crop Crushing, Juice factory, Dry Fruit process Industries

## GOVERNMENT SECTORS

- Defence, Research & Development Institute,
- Ordnance, Ammunition Factory, N.H.A.I., transport
- Aviation Industry

**WE ARE ALSO  
MANUFACTURING**

- ⇒ Servo Controlled Voltage Stabilizer
- ⇒ Static Frequency Converter
- ⇒ Battery charger
  - a. Transformer based
  - b. SMPS based
- ⇒ ATS(Automatic Transfer Switch)
- ⇒ Singal Phase to Three Phase Converter
- ⇒ Static Voltage Stabilizer
- ⇒ DC power supply
- ⇒ Transformer
- ⇒ Dimmer
- ⇒ Line Choke
- ⇒ UPS
- ⇒ Load bank
- ⇒ DC Rectifier

# OUR HAPPY CILENTS





# PARTIAL LIST



## - OUR SERVICE NETWORKS -



## - OUR DETAILS -

**Office** : Unit No. 6, Electronic Sadan No. 1, MIDC Bhosari, Pune - 411 026. (MH) India

**Factory** : Unit No. 7,17,18,21, Electronic Sadan No. 1, Unit No. 03, Electronic Sadan No. 2, MIDC Bhosari, Pune - 411 026. (MH) India

**Domestic Sales** : ☎ 020 - 27120799. 📱 +91 9119491188 / 9119462032

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**Services Support** : 📱 +91 9119491134 ✉ punefactory@voltcontrolsystem.com

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