

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

AVOLTZ[®]
SYSTEM

VOLT CONTROL
SYSTEM
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STATIC FREQUENCY CONVERTER

About Us

The Volt Control System, Pune, India specializes in the manufacturing of Winding Components and we are mainly working for customize solution.

We as volt control system come with 30 years of experience in manufacturing of various electrical components and products.

Since we have started in 2005, we have continuously enlarged our product range as per industrial demands, focusing on quality solutions and best services we could offer. Today we can deliver our solutions to almost all popular industries as per their special requirements.

We are leading producer of winding components and customize manufacturing, We build technologies and provide engineering service that address most complex solutions in various industries i.e. Aviation, Machine tool industry, Food Industry, Automobile industry, Oil and natural gas industries, chemical, petroleum and pharmaceutical industries. Textile industries. Also In defense and research institutes

Continuous assessment with the quality of raw material and finished products we manufacture and customer-centric after-sales services, we are able to achieve the milestone we are at today.

We believe we can achieve more success with the support of our customers.

Where challenges faced by industry and OEM, Our well managed and automated unit at pune enables us to provide the best quality products and solutions in various fields like we are such engineered with confidence, our reliable solutions put engineering efforts to work efficiently and enhance your productivity & profitability that is our prime motto.

PRODUCT	SINGLE PHASE STATIC FREQUENCY CONVERTER			
	2 KVA	3 - 5 KVA	6 - 7.5 KVA	10 KVA
CAPACITY	2 KVA	3 - 5 KVA	6 - 7.5 KVA	10 KVA
INPUT VOLTAGE	415VAC 3PH +/-10%			
INPUT FREQUENCY	50Hz			
OUTPUT VOLTAGE	ANY FACTORY SETTABLE			
OUTPUT FREQUENCY	50Hz,60Hz,100Hz,400Hz,500Hz,1000Hz. ANY FACTORY SETTABLE			
REGULATION	+/-1%			
WAVEFORM	Sinewave			
DISTORTION	<3%on linear load <5%on non-linear load			
OVERLOAD PROTECTION	110%FOR1minutes and150%for1seconds.			
INGRESSPROTECTION	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) Overcurrent Shortcircuit d) Softstart			
DIGITAL METER	a) Input Voltage b) Input Current c) Input Frequency d)Output Voltage e) Output Current f)Output Frequency			
TYPE	MS POWDER COATED			
COLOUR	RAL 7032			
	CLIMATIC CONDITIONS			
OPERATING TEMP	-20 to + 55 degree			
ALTITUDE	C3500meter			
STORAGE	30 to + 70 degree C			
DIMENSIONS	220x500x430	330x580x500	330x560x650	400x700x720
WEIGHT IN KG	40	45	70	80

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

PRODUCT	THREE PHASE STATIC FREQUENCY CONVERTER			
CAPACITY	5 TO 10 KVA	15 TO 40 KVS	50 TO 60 KVA	100 TO 200 KVA
INPUT VOLTAGE	415VAC 3PH +/-10%			
INPUT FREQUENCY	50Hz			
OUTPUT VOLTAGE	ANY FACTORY SETTABLE			
OUTPUT FREQUENCY	50Hz,60Hz,100Hz,400Hz,500Hz,1000Hz. ANY FACTORY SETTABLE			
REGULATION	+/-1%			
WAVEFORM	Sinewave			
DISTORTION	<3%onlinearload <5%onnonlinearload			
OVERLOAD PROTECTION	110%FOR1minutes and150%for1seconds.			
INGRESSPROTECTION	IP20(OPTIONAL 2x,3x,4x,5x,6x)			
EFFICIENCY	>85%			
PROTECTIONS AT INPUT	a) MCB OR MCCB b) OverVoltage c) UnderVoltage d) SurgeSuppression			
PROTECTIONS AT OUTPUT	a) Over Voltage b) Under Voltage c) Over current Shortcircuite) d) Softstart			
DIGITAL METER	a) InputVoltage b) Input Current c) Input Frequency d)OutputVoltage e) Output Current f)Output Frequency			
TYPE	MS POWDER COATED			
COLOUR	RAL 7032			
OPERATINGTEMP	-20to+55degreeC			
ALTITUDE	3500meter			
STORAGE	-30to+70degreeC			
DIMENSIONS	740 x 500 x 570	950 x 600 x 940	1000 x 700 x 1800	1550 x 850 x 1800
WEIGHT IN KG	100 - 150	250 - 500	600 - 800	1000 - 1800

STANDARDS FOLLOWED

IS5921/1249	Copper cladbase 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	HRCfuses
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



PRODUCT IMAGES



OUR SECTOR



INDUSTRIAL SECTORS

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

COMERCIAL 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

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

WE ARE ALSO MANUFACTURING

CUSTOM DESIGNED STABILIZERS ARE ALSO AVAILABLE WITH WIDER OR SHORTER INPUT VOLTAGE RANGES & ALSO WITH SPECIAL OUTPUT VOLTAGE, AS PER CUSTOMER REQUIREMENTS.

- ⇒ SMPS Power Supply
- ⇒ Transformers
- ⇒ Battery Chargers
- ⇒ Inductive load banks
- ⇒ Frequency Converter
- ⇒ DC Power Supply
- ⇒ Dimmers
- ⇒ Chokes
- ⇒ CVT
- ⇒ UPS
- ⇒ DC Rectifiers
- ⇒ ATS (AUTOMATIC TRANSFER SWITCH)

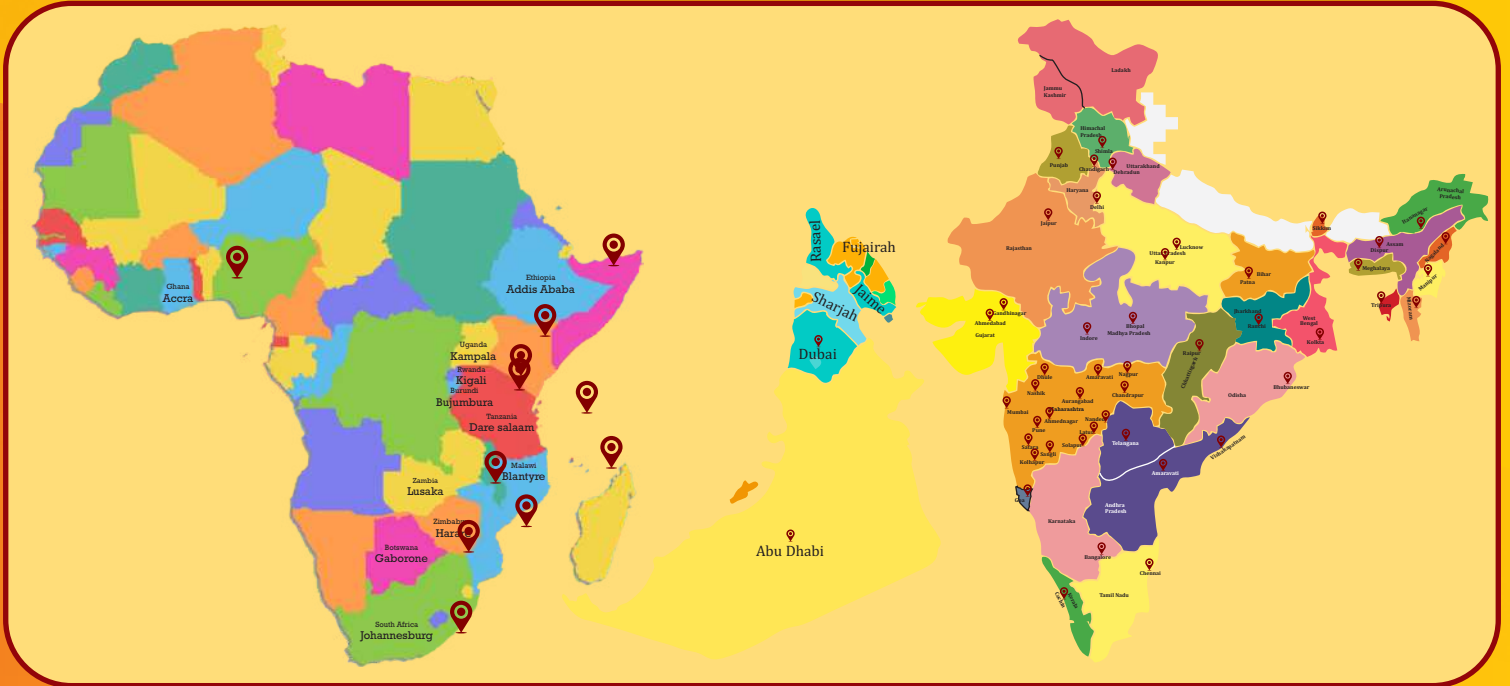
OUR HAPPY CLIENTS



PARTIAL LIST



- OUR SERVICE CENTER -



- 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

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