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

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AVOLTZ SYSTEM

VOLT CONTROL

SYSTEM

STATIC FREQUENCY CONVERTER

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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 customercentric 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 STATIC FREQUENC	YCONVERTER	
CAPACITY	2-5 KVA	6 - 7.5 KVA	10 KVA
INPUT VOLTAGE	230VAC 1PH +/-10%		
INPUT FREQUENCY	50Hz ANY FACTORY CONFIGURABI	LE	
OUTPUT VOLTAGE	ANY FACTORY CONFIGURABLE		
OUTPUT FREQUENCY	50Hz,60Hz,100Hz,400Hz,500Hz,1000	Hz. 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 se	econd.	
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	330x620x600	330x560x650	400x700x720
WEIGHT IN KG	45-60	70	80

Empower your business with precision and reliability discover our expertise in manufacturing customized static frequency converter, 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 PH	ASE STATIC F	REQUENC	CONVERTE	R	
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 3P	H +/-10% AN	FACTORY	CONFIGURA	BLE	
INPUT FREQUENCY	50Hz ANY	FACTORY CC	NFIGURAB	LE		
OUTPUT VOLTAGE	ANY FACT	ORY CONFIG	JRABLE			
OUTPUT FREQUENCY	50Hz,60Hz,	100Hz,400Hz,	500Hz,1000	Hz. ANY FAC	TORY SETTA	BLE
REGULATION	+/-1%					
WAVEFORM	Sinewave					
DISTORTION	<3% on linear load					
	<5%on nor	linear load				
OVERLOAD PROTECTION	110% for 1	minute and 1	50% for 1 se	cond.		
INGRESS PROTECTION	IP20(OPTIC	0NAL 2x,3x,4x	(,5x,6x)			
EFFICIENCY	>85%					
PROTECTIONS AT INPUT	a) MCB OR	МССВ				
) b) Over Vol					
	c) Under Vo					
	d) Surge S					
PROTECTIONS AT OUTPUT	a) Over Vol					
	b) Under Ve					
	c) Over cur	_				
	d) Short Ci					
	e) Soft Star					
DIGITAL METER	a) Input Vo					
	b) Input Cu					
	c) Input Fre					
	d) Output V					
	e) Output C					
	f) Output F					
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	800x600x800 800x600x1200 800x600x1800 1000 x 800 x 1900 1550 x 850 x 1800 1700x1000x2000		1700x1000x2000			
WEIGHT IN KG	100 - 150	250 - 500	600 - 800	1000 - 1300	1300 - 1800	1800 - 2200
	STAND		OWED			
IS5921/1249	Copper clad	base material ir	n electrical/ele	ectronic equipn	nent's	
IS6297/2026		s and inductors				
IS 6553	Environment	tal requirement	s for semicon	ductors and In	tegrated circuit	S.
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 Electro magnetic conduction and interference.					
IEC62040-2	Electro magi	netic conductio	n and interfer	ence.		

PRODUCT IMAGES



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

PRODUCT IMAGES



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

OUR SECTOR



- 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, Diary, 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,
- Ordinance, Ammunition Factory, N.H.A.I., transport
- Aviation Industry

- **WE ARE ALSO** MANUFACTURING
- Servo Controlled Voltage Stabilizer
- UPS
- Battery charger
 - a. Transformer based
 - b. SMPS based
- ATS(Automatic Transfer Switch)
- Singal Phase to Three Phase Converter DC Rectifier
- Static Voltage Stabilizer

- DC power supply
- Transformer
- Dimmer
- Line Choke
- CVT
- Load bank

OUR HAPPY CILENTS

TATA TATA PROJECTS	TATA AUTOCOMP SYSTEMS	मारत इलेक्ट्रॉतिकस BHARAT ELECTRONICS	k>rloskar Oil Engines	adani
SIEMENS Ingenuity for life	LICHT VEARS AHEAD	पावरग्रिड POWERGRID	Dalmia Bharat Limited	MACHINA DI LA
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C=AT	E CONTRESS NEW DREAMS	SUSTAINABLE WATER MANAGEMENT	New And Learning	OSRAM
BAJAJ Bajaj Electricals Ltd.	TRIVITRON HEALTHCARE speaking your language	JINDAL SAW LTD.	D usha martin	एन एच पी सी <i>N H P C</i>
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BSPHCL	GAIL (India) Limited	प्लाज्ञ्मा अनुसंधान संस्थान Institute for Plasma Research	adani Power	
TATA TATA POWER	ओएनजीसी क्रि ONGC	इंडियनऑयल IndianOil	Raval Armament Depot Mumbai	
LARSEN & TOUBRO	Amber Enterprises India Limited		सेल SAIL स्टील अपॉरिटां जॉक इंग्रिडया लिपिटेड STEE AJTHORITY OF INDIALMENTD	Schneider Electric
TINPL Tamil Nadu Newsprint and Papers Limited (A Cost. of Tamil Nadu Enterprise)		एन एम डी सी र्रे N M D C	ADITYA BIRLA GROUP	Naval Dockyard
	EMERSON.	NUMAX	VINO MINDA Minda Industries Limited	





- OUR SERVICE NETWORKS -



- OUR DETAILS -

<u>Office</u> : Unit No. 6, Electronic Sadan No. 1, MIDC Bhosari, Pune - 411 026. (MH) India <u>Factory</u> : 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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