ALWAYS ON DUBAS®

DUBAS FREQUENCY CONVERTER

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Industrial AC & DC Power Systems • Defence Power Systems • Static Freq. Converters • Inverters • Customized Power Racks
Bidirectional Converters • Grid Interactive Systems • Power Emulators • Power Simulators • Active Harmonic Filters
Programmable Power Supplies • High Power Rectifiers • Static Power Conditioners • Active Power Factor Controllers

Dubas Engineering Private Limited
43 [P], Electronics City, Phase 2, Hosur Main Road, Bengaluru - 560100, India.
Email : info@dubaspower.com. url : www.dubaspower.com

DUBAS Profile

Dubas started its operations at Bangalore in 1988. Dubas specializes in the design and manufacturing of complex power electronics products and systems, with core strength in power conversion, power quality and power conditioning technology.

The company is a front runner in the PWM technology in the AC-DC conversion technique, even compared to the best of the world offerings. Dubas products are built on a DSP based digital technology platform employing PWM switching using IGBTs as switching devices across the product lines. Company has expertise in all technology topologies as well in the sub assemblies having a complete control on the product output.

The company has done many major installations in most critical applications, as well of national importance. Dubas has built products to comply with SEISMIC qualification tests (demanded by Nuclear and Atomic installations), MIL and JSS55555 qualification tests (demanded by Defence installations).

Dubas, being an indigenous product company in par with the current technology standards in the world, offers further advantage of meeting the Indian operating conditions and applications. With high capability in building custom specific products, Dubas has gained high recognition in complex Industrial and Defence applications.

Dubas products are built with high endurance capability and have reputation of given long life usage of the products. Dubas has its own pan India Service network providing critical product services through the life of products. Hundreds of Dubas products are serviced by Dubas even after 15 years of installations.

The company's factory and head office is located in the heart of Bangalore's Industrial area at Electronics City. The company has built up area of 30000 SFT, with excellent facilities for product design, manufacturing, and testing both linear and non-linear loads at the factory up to 250KW.

Dubas has installed over 20000 systems across 22 countries so far. Dubas has powered some of the most well-known and quality conscious users and is been approved by major consultants in India as well by some of the well-known International consultants.

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Dubas Clientele

ABB ▪ ACC ▪ AIRTEL ▪ BPCL ▪ BEL ▪ BARC ▪ BHEL ▪ BANGALORE METRO ▪ BOSCH ▪ BRAHMOS AEROSPACE ▪ CENTER FOR AIRBORNE SYSTEMS ▪ CARLZEISS ▪ CAIRN ENERGY ▪ CIPLA ▪ CISCO ▪ COCA COLA ▪ COLGATE PALMOLIVE ▪ CUMMINS ▪ DELL DPT. OF SPACE ▪ DRDO LABS ▪ DR. REDDY'S LAB ▪ DUPONT ▪ ENGINEERIS INDIA LTD ▪ ERICSSON ▪ ESSAR ▪ FORD ▪ FESTO ▪ GAIL ▪ GE ▪ GODREJ ▪ GOOGLE ▪ GOLDMAN SACHS ▪ GLENMARK ▪ HAL ▪ HEWLET PACKARD ▪ HPCL ▪ HCL TECHNOLOGIES ▪ HINDUSTAN LEVER LTD ▪ HONEYWELL ▪ IFB ▪ INDIAN RAILWAYS ▪ INFOSYS ▪ ISRO ▪ JET AIRWAYS ▪ KPTCL ▪ L & T ▪ LEELA PALACE ▪ MANIPAL HOSPITAL ▪ NPL ▪ NOKIA ▪ NESTLE ▪ NTPC ▪ NPCIL ▪ OIL INDIA ▪ OTIS ▪ ONGC ▪ PHILLIPS ▪ PUNJ LLOYD ▪ RBI ▪ RELIANCE ENERGY ▪ SIEMENS ▪ TCS ▪ TATA PROJECTS ▪ TATA CONSULTING ENGINEERS ▪ UHDE INDIA ▪ WHIRLPOOL ▪ YAHOO ▪ ZYDUS

Dubas Highlights

- ✓ 100% Indigenous manufacturing facility
- ✓ Make In India for over 3 decades
- ✓ Proven track record in power electronics Products and customized solutions
- ✓ Installation base of Dubas equipments across all verticals of Industry
- ✓ PAN India Service Network

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DUBAS Frequency Converter

DATA SHEET		
S.NO	**PARAMETERS**	**SPECIFICATION**
1.	Input	230V ±10%, 50Hz ± 3Hz, 1ø
2.	Input Power factor	≥0.95
3.	Output Power	2 KVA onwards
4.	Output Voltage resolution	0.1V
5.	Output	3 Phase AC, 220V, 400Hz
6.	Output Current	2A (per phase @ 200 V)
7.	Output Ripple and Noise	> 50Hz : 750 m Vrms
8.	Output Frequency	50Hz to 500Hz
9.	Output Frequency accuracy	0.25%
10.	Voltage load Regulation	< 0.5%
11.	Voltage Line Regulation	0.1%
12.	Operating Temperature	0 deg to 40 deg
13.	Voltage Distortion	2%
14.	Operation modes	CV, CC
15.	Remote communication interfaces	RS232, USB, and LXI LAN
16.	Make	Dubas Engineering Private Limited
17.	Model No	DU-G8-SFC-1302

Note: Research and development is a continuous process at Dubas . As such specifications are subject to change as part of regular improvement objective.

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