



ZEONICS SYSTECH
DEFENCE & AEROSPACE ENGINEERS (P) LTD.



HV HF Transformers & Power Supplies



At Zeonics we manufacture two types of High Voltage High Frequency compact power supplies: moulded and oil immersed. Moulded ones end at up to 1kW, oil immersed go still higher in power.

Proudly Made in INDIA





High Voltage High Frequency Transformer

1. Input : 42volts Input AC 20kHz
2. Output : 46 kV AC 20kHz at 260mA
3. Power : 12 kilowatts
4. Duty : Continuous
5. Type No : Z/42/14/156/161



High Voltage DC Power Supply

1. Input : 200V 3Ø 400Hz Delta Connected
2. Output : 26kV DC at 230mA
3. Power : 6000 watts
4. Duty : Continuous
5. Application : Radar D.C. Power Supply
6. Weight : 106kg
7. Type No : Z/42/138



High Voltage High Frequency Transformer Supply

1. Input : 450 Volts +ve& -ve Square wave at 20kHz
2. Output Current : 1.85A at 37kV D.C.
3. Output Voltage : 37kV DC at 20 kilowatts
4. Duty : Continuous
5. Type No : Z/43/24



High Voltage High Frequency Transformer

1. Input : 120Vrms 20kHz with taps at 0,120V, 140V
2. Output : 10kV rms at 20kHz
3. Power : 2250VA continuous
4. Isolation : Primary to Secondary 35kV DC
5. Type : Oil filled sealed transformer for military use
6. Temperature : -20°C to +85°C
7. Type : ZHS/01/72

Applications include lots of things like High Voltage Radars, Power Supplies, ESPs and such similar applications. The power requirement of these systems can be annexed by modular construction of Planar, PCB and Transformers. Frequency in the region of up to 20 kHz also is used for these transformers.

These Transformers are manufactured in several types of cores upto 400Hz in CRGO Core, above that upto 20kHz in Ferrite Cores stacked together. Planar Transformer designs are adopted where primaries are planar in design and rectifiers filter the DC brought out.

We have transformers both which have AC output and also DC sets which have got transformers built in with rectifier giving DC output.

Advantages

Most of the power supplies are very compact, modularly structured with connector system. The power supplies are ruggedly made in stainless steel container or aluminium containers as per the requirement. These are oil immersed and have connectorized High Voltage systems with High Voltage Cable coming out and hence can be used for Military systems very easily.

Installation

There are no specific installation requirements from our side. If the consumer has certain limitations, we can work to customize and build the required product for the customer.

Contact:

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