

HV-HF GENERATOR

FEATURES

SK Electric's single tank x-ray generator is manufactured from an aluminium case for outstanding thermal dissipation. With all power components submerged in an air tight oil bath which is fitted with a safety thermal oil compensator allowing for oil expansion during use.

Our HV-HF generators are specifically designed for any Non Destructive Testing (NDT) purpose, including medical and industrial imaging and testing, such as x-ray, radiography, fluoroscopy and CT scans.

All HV HF Generators are designed with high voltage circuit detection with kV+, kV- and mA feedback reading circuits. All powered by SK Electric's dedicated power inverter systems.

At SK Electric we are equipped to design and manufacture HV-HF generators with an output frequency of 100kHz and an output power of 100kVA.

APPLICATIONS

- High Voltage or High Frequency power supplies
- Medical Imaging equipment
- Industrial NDT (non-destructive testing but this is widely use abbreviation) systems
- Portable X-Ray NDT systems

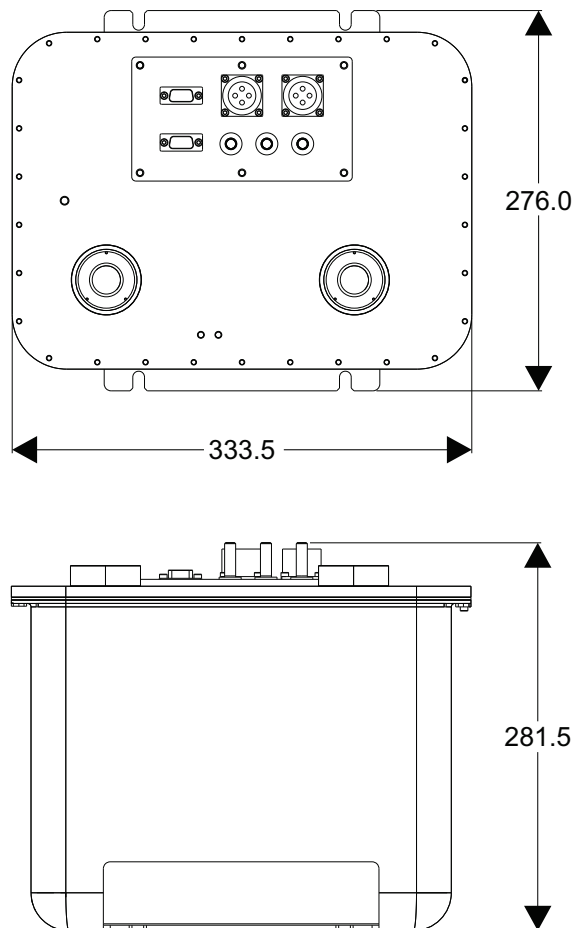


HV-HF GENERATOR

Input Voltage: 220V-380Vac
Frequency: 60kHz
Output voltage: 120KVp-pMax
Output voltage: 150KVp-p
Output power: 22kVA max
Load regulation: (surge suppression)< 5%
Efficiency: > 95%
Weight: 23kg
Audible (electrical) noise: < 50 dB at 1 meter
Standard used: IEC 60601-1CertificationFDA/UL/ETL
Temperature range: -34 to 60 degrees centigrade
Humidity range: 5% to 95%
Humidity gradient: < 30% / hour
Altitude: -150 to 3,048 meters

Not all customers have the same requirements, so here at SK Electric we work with you to develop a solution that best meets your needs. We covers all aspects from, standards and certifications to, specific input and output requirements, labelling, mounting options, packaging etc.

We can supply standalone transformers, or incorporate additional components, assemble subassemblies and manufacture complete finished products. All manufactured and tested to your specifications.



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