POWER SUPPLIES FOR PULSED FIELD ABLATION

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1 What is Pulsed Field Ablation (PFA)?

- Also called Irreversible Electroporation (IRE)
- Non-thermal method of biological ablation
- Utilizing high amplitude pulsed electric fields to create irreversible electroporation in tissues
- Used to treat tumors or cardiac arrhythmias

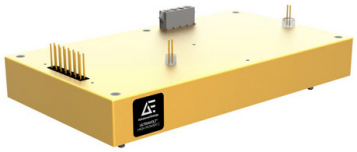
2 Applications of Pulsed Field Ablation

- Atrial fibrillation (AFib)
- Clinical trials to establish its efficacy and safety in various cancer types and other disease states

3 Typical voltages used in Pulsed Field Ablation

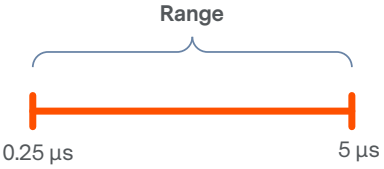
- Typical range of 1 to 3 kV
- Some applications requiring up to 5 kV
- Currents < 100 A

Ultravolt High Power C as a compact, reliable solution by providing tightly regulated output power and featuring fast rise-times ideal for pulsing applications.



4 Typical pulse widths

Pulse widths are typically in the range of .25 to 5 µs.



5 AE's Modified and Standard Power Solutions

to deliver cutting-edge technologies that enhance medical treatments and improve patient outcomes:

NCF Series: CF rated medically approved AC-DC power supplies are available with a nominal main output of 12 V, 15 V, 24 V or 48 V.

High Power C Series: A wide range of high-power-density models allows you to cover an output range of 125 VDC to 60,000 VDC

LPS60 Series: 60 to 80 W AC-DC

CoolX Series: Fanless, intelligent configurable AC-DC solutions, ranging from 600 W to 3000 W

6 Meet AE's medical power portfolio

- Broad medical power portfolio
- Minimize development by proven and highly reliable medical power supply solutions
- Quickly go to market with power platforms
- Highly expertise engineering and service teams