

NEXT GENERATION POWER PLATFORMS

# Electrosurgery

As medical device companies strive to accelerate time to market of novel surgical energy therapies, Advanced Energy's affordable next generation Pulsed Field Ablation (PFA) platforms changes the game. By leveraging our expertise in precision power delivery, Advanced Energy's Next Generation PFA platforms can speed time to market and reduce risk at the lowest total cost of ownership. Our next generation power platforms are modular and fully configurable for use in a wide range of medical applications.

## Next Generation E-Surgery Power Platforms

- Next stage of precision power
- Maximize design flexibility
- Minimize design risk
- Speed time to market
- Lowest total cost of ownership

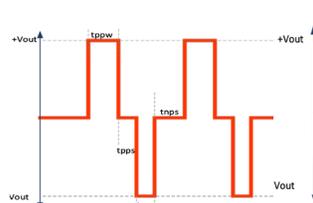
### AE PFA Generator

Provides wide voltage range, fast switching and highly configurable pulse trains and modularity and configurability enables use in a wide range of medical applications

Parameter	Value
Output Voltage	750 - 3000 V
Output Power	Up to 150 kW Peak
Pulse Width	0.25 to 5+ $\mu$ s
Waveform	Square Wave

## Fully Configurable Waveforms

Access to detailed pulse and burst parameters allow creation of custom monopolar, bipolar, asymmetrical biphasic waveform trains.



- Positive pulse width - Tppw
- Positive pulse separation - Tpps
- Negative pulse width - Tnpw
- Negative pulse separation - Tnpw
- No. of pulses per Burst - Npul
- Burst Period - Pburst
- No. of Bursts per Train - Nburst
- Output Voltage - Vout

## Wide Voltage Range and Fast Switching

$\pm$ 750V to  $\pm$ 3kV asymmetrical voltage pulses with asymmetric timing parameters e.g. '5 $\mu$ s 3 $\mu$ s 3 $\mu$ s' with 5  $\mu$ s delay pattern.

