



Key Pulse Capacitor Technology Points

Capacitor Winding

- Specialized winding machines developed for making large diameter parts (over 300mm) with optimized form factor
 - o Very low ESR
 - o Large end connection area enables metallized film for high peak current designs that would traditionally require foil electrodes – improved capacitance density
- Winders have large mandrel capability so parts can be made with open cores (up to 200mm) to enable specialized mounting and electrical connection schemes

Custom Development

- Diverse portfolio of standard part families that can easily be customized
 - o Up to 8kV building blocks with single and series section designs
- Advanced capacitor simulation tools and testing capability reduce design cycle time and minimize iterations
- Expert engineering team works closely with the customer to develop custom solutions

Manufacturing

- ISO 9000 certified
- State of the art custom winding machines
- US and China supply chain options as required

Markets

- Medical lasers
- Pulsed power
- Industrial
- Military