

Transtector Power Conditioning with Voltage Regulation Varian Accelerators with On-Board Imaging



208/240/480/600 60 Hz

Transtector's Dual Output Conditioner

Transtector's Dual Output Conditioner is engineered for the operating environment and load characteristics of Varian's Accelerators with On-Board Imaging. It is an all-in-one power quality solution for Varian Trilogy™, Clinac® iX, Silhouette™ or Varian High Energy Linear Accelerators with On Board Imager™.

Exceptional service and superior design have led Transtector to become the most widely utilized power conditioning solution for Varian Medical Systems.

Design

Transtector's power conditioners with voltage regulation are designed to provide stable, clean power to your Varian equipment. Our proprietary technology corrects voltages five times faster than the competition. Transtector's precision engineering ensures your Varian equipment is running for you to meet your time critical treatment schedule. Transtector's Dual Output Conditioner is configured with input and output breakers to save you installation time. Transtector's configuration saves you installation and maintenance time and expense.

Service

Our technical support and service departments are available 24/7 because we understand time is critical. We stand behind our quality with a two year parts and workmanship warranty and on-site service capabilities.

Delivery

We work closely with Varian to ensure our systems are delivered at the same time. Transtector's power conditioning and voltage regulation systems can be shipped with Varian's system from Palo Alto, California. We can also drop ship directly from our factories.



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Power Conditioning with Voltage Regulation

700 A/V Series Dual Output Conditioner



Voltage regulation, noise filtering, surge protection and a single point ground with dual output

- Voltage regulation of $\pm 2.0\%$ for an input $+10\%$ to -15% , with sags and swells corrected within one cycle
- Isolation transformer establishes a clean neutral ground bond eliminates noise, and functions as a single point ground independent of the facility's grounding system
- Factory configured with an input breaker and three output breakers for the Accelerator, On-Board Imager and peripherals
- Transtector's proprietary surge protection responds in less than 5 nanoseconds, offering the industry's best voltage protection performance
- All connections for customer inputs and outputs and all operational components are front access for ease of installation
- User friendly LED monitor panel
- Manual bypass system
- CE and UL/cUL Listed, other certifications available upon request

Specifications

For complete specifications and owners manuals visit www.transtector.com/var

Transtector Model	8BLNX-110K(I)-700A/VS	8CLNX-110K(I)-700A/VS	8DLNX-110K(I)-700A/VS	8ELNX-110K(I)-700A/VS-C
Input Configuration (other voltages available)	208 V $\pm 15\%$ /-23% max 300 A breaker	240 V $\pm 15\%$ /-23% max 200 A breaker	480 V $\pm 15\%$ /-23% max 150 A breaker	600 V $\pm 15\%$ /-23% max 100 A breaker
Supply Frequency	60 Hz $\pm 3\%$			
Output Configuration ($\pm 2\%$ typical)	Accelerator: 208/120 V wye with 150 A breaker OBI: 480/277 V wye 60 A breaker Peripherals: 120 V single phase with 30 A breaker			

Performance

Voltage Regulation	Half cycle response, one cycle correction
Rated kVA	110 k(I)
Noise Attenuation	Common mode and transverse mode
Overload Rating	200% for ten seconds, 1000% for one cycle
Surge Protection	IEC 61643-1, IEEE 62.41, UL 1449
Operating Temperature	0 to 40 °C (32 to 104 °F)
Heat Output	Nominal 3,555 BTU/hour, 7,355 BTU/hour maximum

Mechanical

Dimensions H x W x D	66.0 in x 29.0 in x 35.9 in (167.7 cm x 70.7 cm x 91.2 cm)
Weight	1622 lbs (735.7 kg)

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