TRANSTECTOR
an INFINITE brand

Transtector Power Conditioning with Voltage Regulation

Varian Accelerators with On-Board Imaging



380/400/415 50 Hz

Transtector's Dual Output Conditioner

Transtector's Dual Output Conditioner is purpose built 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 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 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 ±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 two output breakers for the Accelerator and the On-Board Imager
- 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	8QSW-110K(I)-700A/VS	8RSW-110K(I)-700A/VS	8FSW-110K(I)-700A/VS
Input Configuration (other voltages available)	380 V +15 %/-23 % max 175 A breaker	400 V +15 %/-23 % max 175 A breaker	415 V +15 %/-23 % max 175 A breaker
Supply Frequency	50 Hz ±3 %		
Output Configuration	400/230 V wye (±2 % typical) 80 A output breaker for Accelerator and 60 A output breaker for OBI		
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		
Operating Temperature	0 to 40 ºC (32 to 104 ºF)		
Heat Output	Nominal 3,410 maximum (1000 W), 6,820 BTU/hour (2000 W) maximum		
Mechanical			
Dimensions H x W x D	167.7 cm x 73.6 cm x 91.2 cm (66.0 in x 29.0 in x 35.9 in)		
Weight	568.8 kg (1254 lbs)		

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