

Transtector Power Conditioning with Voltage Regulation

TrueBeam™, Clinac™, Acuity™ or Silhouette™

1451-055



Input 208/240/480/600 60 Hz
Output 208Y/120 or 480Y/277

Transtector's 50 KVA Conditioner

Transtector's 50 KVA Power Conditioner is engineered for the operating environment and load characteristics of Varian's TrueBeam™, Clinac™, Acuity™ and Silhouette™. The 50 KVA conditioners offer a comprehensive power quality solution, correcting voltage sags, swells and surges.

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 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.



Rick Ribbeck
rribbeck@transtector.com
Office: +1 208-635-6400 Ext. 5867
Mobile: +1 208-762-6112



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

- 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
- 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 are front access for ease of installation
- User friendly LED monitor panel
- Manual bypass system
- UL/cUL Listed, other certifications available upon request
- Input and output breakers provided

Specifications

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

Transtector Model				
208 V Output	8BLX-50K-700A/VS	8CLX-50K-700A/VS	8DLX-50K-700A/VS	8ELX-50K-700A/VS
480 V Output	8BNX-50K-700A/VS	8CNX-50K-700A/VS	8DNX-50K-700A/VS	8ENX-50K-700A/VS
Input Configuration (other voltages available)	208 V $\pm 15\%$ - 23% max 200 A breaker	240 V $\pm 15\%$ - 23 % max 175 A breaker	480 V $\pm 15\%$ - 23 % max 90 A breaker	600 V $\pm 15\%$ - 23 % max 70 A breaker
Output Configuration	175 A 208/120 VAC or 90 A 480/277 VAC ($\pm 2\%$ Typical)			
Supply Frequency	60 Hz $\pm 3\%$			

Performance

Voltage Regulation	Half cycle response, one cycle correction
Rated kVA	50 kVA continuous duty
Noise Attenuation	Common mode and transverse mode
Overload Rating	200% for ten seconds, 1000% for one cycle
Surge Protection	ANSI, IEEE C62.41, UL 1449
Operating Temperature	0 to 40 °C (32 to 104 °F)
Heat Output	Nominal 3410 BTU/hour, 6820 BTU/hour maximum

Mechanical

Dimensions H x W x D	66.0 in x 29.0 in x 35.875 in (167.64 cm x 73.6 cm x 91.12 cm)
Weight	1,142 lbs (518 kg)

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