

Accuray CyberKnife[®] Systems

700 A/V Series Single Output Conditioner



700 A/V Series



Accuray CyberKnife[®]

Transtector Systems 700 A/V Series Power Conditioners offer a complete power quality solution correcting voltage sags, swells and surges. Engineered and designed to provide stable, clean power suited for the operating environment and load characteristics of Accuray's CyberKnife[®] System.

Experienced service and superior design have led Transtector to become the most widely utilized medical power conditioner solution in North America.

Superior Performance – Voltage Regulation, Noise Filtering and Surge Protection

- 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 and all operational components are front access for ease of installation
- User friendly LED monitor panel
- Manual bypass system
- UL/cUL or ESA Listed, other certifications available upon request

700 A/V Series Mechanical Specification

Specification	208 V Input	240 V Input	480 V Input	600 V Input
Transtector Model	8BLX-75K(I)-700A/VS	8CLX-75K(I)-700A/VS	8DLX-75K(I)-700A/VS	8ELX-75K(I)-700A/VS
	8BNX-75K(I)-700A/VS	8CNX-75K(I)-700A/VS	8DNX-75K(I)-700A/VS	8ENX-75K(I)-700A/VS
Input Configuration	208 V +15%/-23% max	240 V +15%/-23% max	480 V +15%/-23% max	600 V +15%/-23% max
Input Breakers	200A 3-phase breaker	175 A-3 phase breaker	100 A 3-phase breaker	70 A 3-phase breaker
Supply Frequency	60 Hz ±3 %			
Output Breakers	L = 208/120 wye 150 A 3-phase breaker, N = 480/277 wye 100 A 3-phase breaker			

Performance	
Voltage Regulation	Half cycle response, one cycle correction
Rated KVA	75K (I)
Noise Attenuation	Common mode and traverse mode
Overload Rating	200% for ten seconds, 100% for one cycle
Surge Protection	IEEE C62 41, IEC 6164B-1
Operating Temperature	0 to 40°C (32 to 104°F)
Heat Output	Nominal 3,410 BTU/hour (1000W), maximum 6,820 BTU/hour (2000W)

Mechanical	
Dimensions HxWxD	167.6cm x 73.6cm x 91.2cm (66.0in x 29.0in x 35.9in)
Weight	518kg (1142 lbs)

Transtector Systems

Transtector Systems specializes in the protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Its power quality expertise translates into a diverse product offering including AC, DC and signal applications as well as integrated cabinets, power conditioners, UPS and EMP hardened devices.

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