

GREENPOWER[®]

Zero Emission Technology

CONDITIONED POWER ULTRA-ISOLATION TRANSFORMER

GREENPOWER Conditioner Power Ultra-Isolation Transformer is a reliable source of clean, conditioned power designed to protect precision equipment from all types of power disturbance, electrical surge and noise. The GREENPOWER Isolation Transformer is ideal for use computers, telecom, communication system, medical, laboratories, industrial, domestic and military applications.

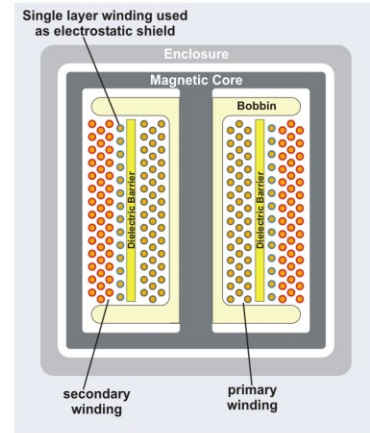


GREENPOWER GPI Series Isolation transformer provides 100% isolation from the input AC line, the secondary neutral-to-ground bond eliminates all surge voltages between neutral and ground. Surge protection and noise filtering are superior to conventional surge protection and filtering devices.

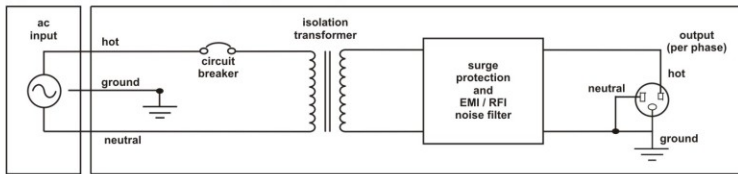


Technical Features:

- Input Voltage Range $\pm 10\%$ of nominal rated voltage
- Technology Highly shielded with REI/EMI filtering incorporated into design
- Frequency 47Hz minimum for 50Hz models: 57Hz minimum for 60Hz models
- Efficiency 97% typical
- Insulation resistance 100Mh minimum from winding to core measured at 500 VDC
- Load Regulation $\pm 3\%$ or less from no load to full load at unity power factor
- Harmonic Distortion 1% , maximum
- Electro-Magnetic Interference <0.2 gauss @3feet
- Surge Suppression Meets ANSI/EEE standard C62.41, 1991 (IEEE, 587 category A and B), IEC 1000-4 and 1000-5



System Architecture (per phase)



Isolating Transformer GPI Series

Power Rating		Voltage (VAC)		Frequency	Efficiency	Standard Features					
Single Phase	Three Phase	Input	Output								
GPI 500 VA	GPIT 5 KVA	Single Phase 220V/240V	220V/240V	50/60Hz	96% at full loads; 98% at light loads	Common-Mode Noise Attenuation -120 dB Normal-Mode Noise Attenuation -10 dB/decade					
GPI 1 KVA	GPIT 8 KVA										
GPI 2 KVA	GPIT 10 KVA										
GPI 3 KVA	GPIT 15 KVA										
GPI 5 KVA	GPIT 20 KVA										
GPI 10 KVA	GPIT 30 KVA										
GPI 15 KVA	GPIT 40 KVA										
GPI 20 KVA	GPIT 50 KVA										
GPI 25 KVA	GPIT 70 KVA										
GPI 30 KVA	GPIT 100 KVA						Three Phase 220Y/380	220Y/380	50/60Hz		
GPI 40 KVA	GPIT 120 KVA										
GPI 50 KVA	GPIT 150 KVA										
GPI 75 KVA	GPIT 200 KVA										
GPI 100 KVA	GPIT 250 KVA										
GPI 120 KVA	GPIT 350 KVA										
GPI 150 KVA	GPIT 500 KVA										

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