



ISOLATION & ULTRA ISOLATION TRANSFORMERS

YLIOS is an ISO 9001:2015 certified company and the company is working as Isolation Transformer Manufacturer and provides the best Isolation Transformer & Ultra Isolation Transformer in India. **Isolation Transformer** is a transformer Used to transfer electrical power from a source of alternating current (AC) power to some equipment or device while isolating the powered device from the power source, usually for safety reasons. **Isolation transformers** provide galvanic isolation; no conductive path is present between source and load. This isolation is used to protect against electric shock to suppress electrical noise in sensitivity with special insulation between primary and secondary and is specified to withstand a high voltage between windings.

YLIOS Isolation power Line Noise Isolator is and ultra-isolation transformer which prevents passage of line voltage transient, spikes and galvanic leakages from reaching sensitive of critical equipment, like Computers & its peripherals, Medical Instrumentation, Digital Communication and Telemetry systems etc.

- Complete Electrostatics Shielding.
- D.C. Insulation <1000 Mega ohms.
- Minimizes Transverse Mode Noise.
- Line and Load Regulation better than $\pm 3.5\%$.
- Minimizing Common Mode Noise by Over 130 dB.
- Quality Components, Conservation Ratings and ruggedized design for best Long-Term Value.

	Technical Specification	<u>Single / Three Phase Isolation/ Ultra Isolation</u>
	Rating	0.5 KVA to 25 KVA single phase 3KVA to 1000 KVA three phase
	Phases	Three Phase/Single Phase
	Cooling	Natural Air Cooled / Oil Cooled
	Input Voltage Range	220,240V in single phase 415,433 V in three phases or as per requirement
	Output Voltage Range	220,240V in single phase 415,433 V in three phases or as per requirement
	Ratio	1:1
	Vector Group	Dyn 11
	Type	Indoor/Outdoor
	Duty Cycle	Continuous 24X7
	Efficiency	More than 97%
	Class of Insulation	F- Class or as per requirement

	Insulation Resistance	Greater than 100 mega ohms at 500V DC.
	Winding & Wiring Material	E C grade as per Customer Requirement.
	Input / Output Termination	Connectors / Bus Bar.

Isolation Transformer of other voltage range/ capacity are also available as per customer requirement.



Crown Enterprises