

# Nantech Power Systems Private Limited...

## Ultra Isolation Transformer (500VA – 1500kVA)

### *Ultimate Power Solution*



### **Features:**

*High Efficiency*

*High Reliability*

*Accuracy and Compact*

*Rugged in Construction*

*High Insulation*

*Floor Mounting Model*

### **Contact Us:**

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Established in the year 1996, our organization, 'Nantech Power Systems Pvt Ltd' is counted amongst the responsible manufacturers and suppliers of Online UPS, Line Interactive UPS, Inverters, Servo Stabilizers, Power Factor Controllers, Harmonic Filters and Constant Voltage Transformer.

The advanced line of electrical equipment's that we offer is used extensively in both commercial as well as domestic sectors. Clients recognize our products for their enhanced performance, high efficiency and long maintenance-free servicing life.

### **Isolation Transformer:**

Isolation Transformer is one that contains two windings: Primary and Secondary winding, that are separated from each other but wound on the same Iron core. The secondary that governs the output is, in this manner separated from the Input. Input and output are totally independent of each other except from the magnetic linkage between the two.

Owing to inductive load, Capacitive loads, SNMPS loads, electronic ballast and with PMW Switching Systems, the present AC Power lines Are superimposed with dangerous spikes, surges, transients, sags, and RFI noise and harmonics.

As a result failure rates of electronics equipment's are on the rise, without adequate protection, all electronic equipment is at great Risk. It provides a perfectly balanced neutral at zero potential and neutral can be used by grounding it.

### Technical Specifications:

Standard Ratings	1kVA – 1500kVA
Type of Transformer	Dry type, Floor Mounted, Indoor Application
Type of Cooling	Aircooled
Type of Connection	Delta / Star
Ratio	a) 1: 1, b) 2:1 c) Customized
Regulation	<3.5%
Duty Cycle	Continuous
Class of Insulation	Class F
Type of Lamination	CRGO
DC Galvanic Isolation	>1000M Ohms
Di Electric Voltage	2500V for 2mins
Leakage Current	<20 Micro Amps
Coupling Capacitance	0.001 PF
CMNRR	> 100dB
Power Factor	0.75 lagging to 0.75 lead
Humidity	>95% RH
Ambient Temperature	0° to 50° C
Standards	As per IS: 2026 Part I & II



### **Nantech Power Systems Private Limited™**

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