



GES Energy Solutions LLP

Established in the year 1985, we are the foremost manufacturer, engaged in offering a superb quality assortment of Voltage Stabilizer, Isolation Transformer, Phase converter and many more. With more than 20,000 installations across 20 states our brand demonstrates high quality, customer satisfaction and competitive pricing. To cater the growing energy needs in India, we have evolved ourselves as an energy solution provider taking utmost care in keeping our customers energy efficient.

Isolation Transformer:



GES offers complete line isolation, continuous noise filtering to eliminate harmonic distortion and enhanced common mode surge suppression internal low impedance isolation transformer component with Faraday Shield offers 100 % isolation from the input AC line. The Common Mode Noise and Normal Mode Noise are generated in the common Utility Mains due to the Parallel connection of the critical loads to the Noise generating loads. These High magnitudes noises occur between conductors due to switching action of the Load connected in parallel to the sensitive loads, these noise is Isolated by GES power transformers and safe guard the critical/precise loads like CNC / Medical / Software industry etc. We manufacture 1 kva to 2000 kva capacity designed for isolating sensitive equipment from Line Voltage Transients, Spikes & D.C. leakage. Also removes EMI/RFI noise, utility switching transients, and background spikes.





SPECIFICATIONS:

TYPE OF TRANSFORMER	Dry Type, Floor Mounted, Indoor Application
TYPE OF COOLING	Naturally Air -Cooled
TYPE OF CONNECTION	Delta / Star
PRIMARY / SECONDARY VOLTAGE	<ul style="list-style-type: none"> i) 1:1 ii) 2:1 iii) Customized
REGULATION	< 3.5%
DUTY CYCLE	Continuous
CLASS OF INSULATION	Class F
TYPE OF LAMINATION	CRGO
AMBIENT TEMPERATURE	0 - 50- C
HUMIDITY	> 95% RH
DC GALVANIC ISOLATION	> 1000 M Ohms
DIELECTRIC VOLTAGE	2500 V for 2 min
LEAKAGE CURRENT	< 20 Micro Amps
COUPLING CAPACITANCE	0.001 PF
CMNRR	>100 dB
DEGREE OF PROTECTION	IP 31
CONSTRUCTION STANDARDS	As per IS: 2026 Part 1 & 11
POWER FACTOR	0.75 Lagging to 0.75 Leading
STANDARD KVA RATINGS	1 kVA - 500 kVA

