



POWERTRON ISOLATION TRANSFORMER



1-PHASE SERVO VOLTAGE STABILIZERS

Parameters	Technical Details
Capacity available	500va to 50kva
Input voltage range	Standard: 170V-270V
Output voltage	220V / 230V
Output voltage accuracy	(+/- 1%
Cooling Method	Natural Air cooled
Duty Cycle	Continuous
Frequency	47-53Hz
Waveform distortion	Nil
Efficiency	Better than 97%
Environment	Indoor Application
Mounting	Metallic studs / Wheels
Protection	Under/Over voltage cut-off Short-circuit protection Overload protection
Metering	Analog Voltmeter
Other features	LED indications Potentiometer for O/P voltage adjustment
Optional features that can be availed	Ampere / Current Meter Digital Meter Manual bypass switch RFI filter Spike suppressor True RMS Value sensing card

3-PHASE SERVO VOLTAGE STABILIZERS

Parameters	Technical Details
Capacity available	3kva to 750kva
Input voltage range	Standard: 360V-470V & 340-470V
Output voltage	380V / 400V / 415V
Output voltage accuracy	(+/- 1%
Cooling Method	Natural Air cooled & Oil cooled
Duty Cycle	Continuous
Frequency	47-53Hz
Waveform distortion	Nil
Efficiency	Better than 97%
Environment	Indoor Application
Mounting	Free on Wheels
Protection	Under/Over voltage cut-off Short-circuit protection Overload protection
Metering	Analog Voltmeter Ampere / Current meter *for capaci
Other features	Dual mode (Auto/Manual) True RMS value card for DG set LED indications Potentiometer for output voltage adjustment
Optional features that can be availed	Ampere / Current Meter Digital Meter Manual bypass switch RFI filter Spike suppressor True RMS Value sensing card

ISOLATION & ULTRA ISOLATION TRANSFORMER

Parameters	Technical Details
Capacity available	5-500kva for three phase 500va to 50kva
Primary voltage	Standard: 230V for 1-phase 415V for 3-phase
Secondary voltage	230V for 1-phase 415V for 3-phase
Secondary voltage for step down Transformer	110V for 1-phase 220V for 3-phase
Impedance	Less than 4%
Cooling Method	Natural Air cooled
Vector Group	Dyn!!
Dielectric Strength	2.5KV for 1 minute
Noise Attenuation	90Db/115Db
Frequency	47-53Hz
Insulation class	F/H
Winding connection	Delta/Star
Efficiency	Better than 97%
Environment	Indoor Application
Mounting	Metallic studs / Wheels