

SPECIFICATIONS SERVO VOLTAGE STABILIZER

<i>Standard</i>	ISO 9001:2018
<i>Rating</i>	40KVA to 1000KVA Three Phase
<i>Input Voltage Range</i>	Three Phase a)160-500 volt b)280-500 volt c) 300-500 volt d)340-500 volt
<i>Output Voltage Range</i>	Three Phase a)380 volt +/- 1% b)400 volt +/- 1%
<i>Output waveform</i>	True to input
<i>Frequency/Resistance</i>	45-65Hz / 5 MOhm
<i>Response Time</i>	Less than 4m.sec.
<i>Voltage Correction Speed</i>	40 volt to 100 V/sec.
<i>Correction Method</i>	Stap-less Correction through Variable Transformer
<i>Type of Cooling</i>	Natural Air/Oil Cooled
<i>Power Factor</i>	1.0 Lag to Unity
<i>Control Circuits</i>	Fully Automatic IC based solid Statem, Glass Epoxy control card for easy on line serviceability
<i>Duty Cycle & By-pass panel</i>	Continuous/ Optional by-pass panel
<i>Operation/Humidity</i>	Fully automatic/manual/humidity <95%

<i>No Load Loss</i>	Less than 1%
<i>Suitable</i>	Suitable for three phase Unbalanced/Balanced supply and load
<i>Compactibility to DG Set</i>	Specially designed for faithfully operation on main and as well as DG
<i>Operating Temperature</i>	10 C to 60 C
<i>Additional Facility</i>	110 volts output can also be given
<i>Efficiency</i>	More than 99%
<i>Protection</i>	Short circuit, phase preventer, High Low Cut off, Over load 110% for 10 minutes Enable/ Disable from LCD display
<i>Display</i>	Digital LCD display with LED indicator, Which shows each phase voltage and manipulate voltages, High Low Cut off and load current TDR adjustable from the display.
<i>Variac</i>	Motorized Variac Each Phase With Copper Wound On Torodial CRGO Core Silver Plate, Plane Track For Smooth Movement Of Carbon Brush/Bushesh For Firm Contact suitable Torque Servo Motor. The Motor Movement Restricted To Switches Of High Quality and Reliability