

Micro Controlled Voltage Stabilizer 3 Phase Air & Oil Cooled

Capacity Air Cooled 250 KVA,
Oil Cooled 3000 KVA



Provides perfectly stable output even under severe conditions of unbalanced Voltage conditions. Ideal to Protect the electrical and electronic equipments from high and low voltages.

Technical Specifications :

Input Voltage Range	: 300 - 460V / 340 - 480V / 360 - 460V
	AC 3 Ph
Output Voltage (3 Ph)	: 415V AC
System	: Unbalanced 4 wire: R Y B N
Connections	: Star
Operating Frequency	: 47 to 53 Hz
Output Voltage Regulation	: $\pm 1\%$ (No Load)
Output Voltage Regulation	: $\pm 1\%$ (Full Load)
Overload Capacity	: 120%
Correction Rate	: 60 / 30 / 25V per Sec-3 Phase
Waveform Distortion	: Nil
Output Waveform	: True Reproduction of Input
Insulation	: Class F
Short Circuit Period & Percentage	: 300% for 250 milli sec.
Normal Operation Temperature	: 0° C to 45° C
Climate Conditions	: 90% Rh Max. Non Condensing at 35°C
Type of Cooling	: Natural air cooled up to 600 kVA
Mode of System	: Fully Automatic
System Construction	: As per IS : 9815 - 1994

Protections

- Single Phasing Prevention
- Input Short Circuit Protection with MCB / MCCB
- Input Over Load Protection with MCB / MCCB
- Output Low Voltage Protection
- Output High Voltage Protection

Indications

- Mains input on 3 LED Indications,
- 3ph output on indication

Indications in LCD Display

- Input High and Input low
- Output on Indication
- Output high cutoff and output Low cutoff

Programmable Parameters

- Output voltage set (210-245V)
- Output Low Voltage Cutoff
- Output High Voltage Cutoff
- Input Low on LCD Display
- Input High on LCD Display
- Sensitivity / Regulation
- Over Load Cutoff
- CT full scale

Programmable Control Timings

Over load Cutoff Time
Auto Restart Time
On & Off Delay Time

Programmable Controls

- Display Scrolling - Auto / Manual
- Start / Stop Buttons

Menu / Start / Stop / Reset / Log Button

Very Important For CSD Analysis Problems

Optional : Out Door Model, Residential Model Available

- Data Log: Last 100 fault events log with Date & Time stamp and works on FIFO basis.
- Residential Model also available



MODEL	DSS75	DSS100	DSS250	DSS500	DSS750	DSS1000	DSS2000	DSS3000
Rated Capacity	75KVA	100KVA	250KVA	500KVA	750KVA	1000KVA	2000KVA	3000KVA