



AN ISO 9001-2015
CERTIFIED COMPANY



GoldenTM
Tough on power soft on Machine

SO GOOD IN
HERTZ

**IGBT POWER CONDITIONING
EQUIPMENT**

VERY FAST CORRECTION TIME
WITHIN 20mSec (ONE CYCLE)

SOLID STATE TECHNOLOGY,
NO MOVING PARTS.

SVR MAINTAINS UNIFORM
CONDITIONED POWER.

REAL-TIME PRECISELY
REGULATED VOLTAGE (+/- 1%)

SILENT OPERATION & MINIMUM
MAINTENANCE.

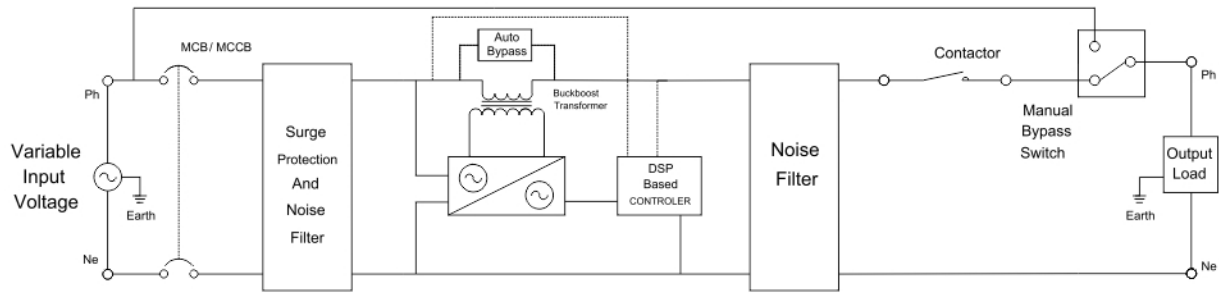
FREE FROM SURGE-SPIKE-
BROWN-OUTS.



STATIC STABILIZER

ADVANCED STABILIZATION OF POWER

Block Diagram For IGBT Static Stabilizer



Specifications:

	Capacity	1 Phase - 1 to 20 kva 3 Phase - 3 to 500 kva	
INPUT	Technology	IGBT Based PWM Static Voltage Stabilizer	
	Frequency	46 - 55 Hz	
	Voltage Range	300 to 500 / 340 to 480 / 360 to 470	
	Protection MCB/MCCB	Provided	
OUTPUT	Voltage	400/415 VAC	
	Voltage Regulation	+/-1%	
	Response Time	20 mSec	
	Rate of correction	2000 - 6000 V / Sec Depend upon Input Voltage Range	
	Output Waveform Distortion	NIL	
	Effect of Power factor	NIL	
	Duty Cycle	100 % continuous	
	Over Load	110% for 30 Sec	
	Efficiency	> 97% (Full load)	
	Contactor	Available	
	Manual Bypass Switch	Available	
	Auto Bypass	Available	
PROTECTION	Short Circuit	Provided	
	Input Over Voltage	Above the voltage Range 20V	
	Input Under Voltage	Below the voltage Range 20V	
	Output Over Voltage	415V + 5%	
	Output Under Voltage	415V - 5%	
	Over Load	Electronic Over load Trip with Time Delay	
	Single Phase Prevention	Provided	
	Phase Reversal	Provided	
	Surge Protection class 2	Provided	
DISPLAY	LCD Display	20 * 4 LCD Display	
	Voltage	Input & Output Voltage - 1 phase & 3 phase	
	Current & Frequency	Output Current -3 phase & Frequency	
	LCD Visual Annunciation	Input & Output Over Voltage & Under Voltage, Overload, Phase Reversal, Error Log, Temperature Cut off	
INDICATION & KEY FUNCTION	Input Normal	Green LED	
	Output Normal	Green LED	
	Phase Fault	Red LED	
	Over Load	Red LED	
	Menu Key	To View Parameter	
	Start Key	To Switch ON Output load	
	Stop Key	To Switch OFF Output load	
	Log Key	To View Error log	
ENVIRONMENTAL	Ambient Temperature	50°C	
	Ingress Protection	IP -20	
	Cooling Methode	Forced Air Cooled	
	Mounting WheelsColor	Castor Wheels with 2 Brakes	
	Color	Cabinet -RAL 9005 & Front Display Door RAL 7040	

APPLICATIONS

TEXTILE SPINNING
PROCESSING
KNITTING
WEAVING
OIL & GAS
HOSPITAL
PRINTING

CNC
LASER CUTTING
MEDICAL EQUIPMENT
RESIDENTIAL &
COMMERCIAL BUILDINGS
BANKING & SHOWROOMS
R&D / TESTING LABS
LIFTS & ELEVATORS
AIR CONDITIONS PLANT
TELE COMMUNICATIONS



Design by Multitreds



Golden Electronic Controls India Pvt. Ltd.,
H.O: 14/237-D, Gandhiji Layout, SIDCO Industrial-Estate Post,
Coimbatore - 641 021. Tamilnadu, India.
Ph: +91-422-4279286. Email: info@goldenservo.com

CALL FOR ENQUIRY
82200 00909

www.goldenservo.com

Branches: Chennai, Tirupur, Bangalore, Belgaum, Ichalkaranji, Hyderabad, Pune, Mumbai, Surat, Lucknow & New Delhi