



Celebrating
25 Years

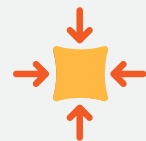
TechnoVision®
PRODUCTIVE SOLUTIONS



SERVO STABILIZER

Empowering Industries with
Stable Power Solutions

~AC⚡DC~
POWER SOLUTIONS



Compact
Size



Efficient
Performance



Customizable as
per
Requirement

+91 75070 53131
+91 93701 32711



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Features



Quick response time



Excellent regulation ($\pm 1\%$)



Very high efficiency



No waveform distortion



Uses solid state control circuits

More than **20,000**
Installations

Advantages



Stable power



Equipment safety



Energy saving



Low Investment



Low Maintenance



Applications



Power



Automobile



Plastic Moulding



Healthcare



Food Processing



Research



Protections



Under / Over Voltage



Over Load Protection



Short Circuit



By Pass Switch

Air Cooled Servo Stabilizer

General Specifications

Parameters	Ratings
INPUT	
Nominal Voltage	230 +/- 15% VAC, 3 phase, 4 wire ((170-270) / (360 – 460) VAC Customizable input voltage range are available)
Frequency	50 Hz, +/- 6%
OUTPUT	
Voltage	220V/230V/240V AC
Voltage Regulation	+/- 1% for SCVS
Under voltage	-12% of nominal output voltage (as per requirement)
Over voltage	+12% of nominal output voltage (as per requirement)
Overload Capacity	100%, 125% and 150%
Servo Motor Drive	AC Synchronous Servo motor
Efficiency	> 98%
Rate of Correction	60-70 V / Sec
Wave form Distortion	Nil
Effect on Power Factor	Nil
Duty of operation	Continuous at 100%, INDUSTRIAL grade design
Magnetics grade	Class F insulation (Class H as per requirement)

ENVIRONMENT

Parameters	Specifications
Operating temperature	-5 to 50 Degree C
Storage Temperature	0 to 70 Degree C
Humidity	Up to 95% RH, Non Condensing

PHYSICAL CHARACTERISTICS

Parameters	Specifications
Degree of protection for enclosure	IP20
Cable entry	Bottom –Back side/Front Side
Cabinet finish	Graphite Gray
Cabinet steel thickness	Frame: 1.2 mm, 1.6 mm, and 2.5 mm (as per requirement)
Cooling	Natural cooling

Air Cooled Servo Stabilizer

USER INTERFACE

Parameters	Ratings	
Data on LCD display	L-L/ L-N input voltage	Output voltage
	Input current	Output current
	input frequency	Output Power (KVA)
Indications	Input ON	Output ON
	Stabilizer Trip	Input OV/ UV
	Output OV/ UV	Output Overload

PROTECTIONS

	Specifications	
	I/P MCCB	Output Under voltage
	Output Over voltage	Output current
	input frequency	Output Power (KVA)

"Technical specifications are subject to change as a result of continuous development.
Any customizations required to meet special applications can be provided by us."

Oil Cooled Servo Stabilizer

General Specifications

Parameters	Ratings
INPUT	
Nominal Voltage	(360 – 460) VAC, 3 phase, 4 wire Customizable input voltage range are available)
Frequency	50 Hz, +/- 6%
OUTPUT	
Voltage	380V/400V/415V AC
Voltage Regulation	+/- 1% for SCVS
Under voltage	-12% of nominal output voltage (as per requirement)
Over voltage	+12% of nominal output voltage (as per requirement)
Servo Motor Drive	AC Synchronous
Controller	Microprocessor based digital controller
Efficiency	> 98%
Rate of Correction	60-70 V / Sec
Wave form Distortion	Nil
Effect on Power Factor	Nil
Duty of operation	Continuous at 100%, INDUSTRIAL grade design
Magnetics grade	Class F insulation (Class H as per requirement)
Mode of operation	Auto / Manual

ENVIRONMENT

Parameters	Specifications
Operating temperature	10 to 40 Degree C
Storage Temperature	0 to 70 Degree C
Humidity	Up to 95% RH, Non Condensing

PHYSICAL CHARACTERISTICS

Parameters	Specifications
Degree of protection for enclosure	IP65
Cable entry	front
Cabinet finish	Graphite Gray
Cabinet steel thickness	Frame: 1.2 mm, 1.6 mm, and 2.5 mm (as per requirement)
Cooling	Oil cooled
Oil grade	IS-335 – Transformer grade

Oil Cooled Servo Stabilizer

USER INTERFACE

Parameters	Ratings	
Data on LCD display	L-L/ L-N input voltage	Output voltage
	Input current	Output current
	input frequency	Output Power (KVA)
Indications	Input ON	Output ON
	Stabilizer Trip	Input OV/ UV
	Output OV/ UV	Output Overload

PROTECTIONS

	Specifications	
	I/P MCCB	Output Under voltage
	Output Over voltage	Output current
	By Pass Switch	Short Circuit- Contactor & Circuit Breaker

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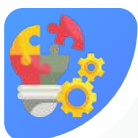


Core Purpose



Protect Mission Critical Equipments Backed by Technology and Trust

Core Values



Responsive to
Change

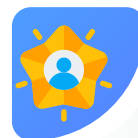


Growth through

- Merit and Hard Work
- Solution Oriented Approach



Human and
Machine Safety



Customer
Centricity

OUR PRODUCTS

AC Solutions

- Industrial Inverters
- Static Voltage Stabilizers
- AVR 100 KVA to 2000 KVA
- Industrial UPS - 1KVA to 500KVA
- Isolation Transformer - 1KVA to 2000KVA
- Static Frequency Converter - 1KVA to 500KVA
- Servo Controlled Voltage Stabilizers - 1KVA to 300KVA

DC Solutions

- Battery Chargers – SCR /IGBT technology (10A to 1000A)
- Battery Chargers – SMPS technology (10 A to 500A)
- DC rails
- DC-DC converters
- Battery jump starters
- Solar Charge Controllers
- Lithium battery based Solutions



CONTACTS



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