SPT

SERVO POWER TECHNOLOGIES

Manufacturing of All Type

SERVO VOLTAGE STABILIZER / UPS

SPT
SERVO POWER TECHNOLOGIES

OUR PRODUCT

- Single Phase Servo Voltage Stabilizer
- Three Phase Air Cooled Servo Voltage Stabilizer
- Three Phase Oil Cooled Servo Voltage Stabilizer
- Single Phase Air Cooled Isolation Transformer
- Three Phase Air Cooled Isolation Transformer
- Three Phase Oil Cooled Isolation Transformer
- UPS / Battery
- Inverter

SINGLE PHASE SERVO VOLTAGE STABILIZER

DLC STABILIZER

1KVA TO 20 KVA SINGLE PHASE
SERVO VOLTAGE STABILIZER

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THREE PHASE AIR COOLED SERVO VOLTAGE STABILIZER

5 to 30 KVA

MODEL NO: SCVSAC5-30

5 to 30 KVA

MODEL NO: SCVSACB40-60

40 to 60 KVA

MODEL NO: SCVCAC40-60

40 to 60 KVA

MODEL NO: SCVSACB40-60

TECHNICAL SPECIFICATIONS

Servo Power Stabilizers are available in a wide range and various models. The standard three phase models are suitable for balanced & unbalanced supply and loads. The standard models confirm to the following.

Rating (KVA)	5KVA TO 60KVA	75KVA TO 2000KVA
Type of cooling	Air	Oil
Input voltage range (V L-L) *	300-500 / 340-480 / 360-460 /370-470	
Output voltage (V L-L) *	415 (380V/400V _ optional)	
Output Voltage Regulation	1% of nominal output voltage	
Input frequency range	50HZ	
Model No.	SCVSAC5-30, SCVSACB5-30, SCVCAC40-60, SCVSACB40-60	
Efficiency	>97%	
Effect of Load Power Factor	Nil	
Waveform Distortion	Nil	
Type of Servo Control	Micro Controller based	
Servo Motor Drive	Triac based drive for AC Step Synchronous motor	
Under/ Over Voltage cutoff	Electronic cutoff circuit with graded time delay, set @ +5% / _ output voltage 10% of nominal	
Overload cutoff	CT based Electronic cutoff circuit with graded time delay set @ 110% of rated full load current	
Short circuit protection	MCB / MCCB provided upto 100 kVA. Above 100 kVA HRC fuse (MCCB optional)	
Single phasing prevention	Provided	
Stabiliser bypass	Optional	
Emergency Off Switch	Provided	
Frequency cut off protection	Optional	
Input High Voltage Trip	BY Shunt tripping/ Contractor tripping	
Resetting mode	Manual / Auto option provided with programmable time delay	
Display Type	Digital	
Parameters displayed	Input & Output Voltages (Line & Phase), Output Currents & Frequency	
Input / Output Terminations	Bolted Terminals up to 75 KVA,Busbar 100 KVA and above	

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THREE PHASE OIL COOLED SERVO VOLTAGE STABILIZER

75 to 100 KVA

MODEL NO: SCVSOC75-100

75 to 100 KVA

MODEL NO: SCVSOCB75-100

125 to 200 KVA

MODEL NO: SCVSOC125-200

125 to 200 KVA

MODEL NO: SCVSOCB125-200

200 to 300 KVA

MODEL NO: SCVSOC200-300

200 to 300 KVA

MODEL NO: SCVSOCB200-300

SERVO POWER TECHNOLOGIES

400 to 800 KVA

MODEL NO: SCVSOC400-800

400 to 800 KVA

MODEL NO: SCVSOCB400-800

1000 to 1500 KVA

MODEL NO: SCVSOC1000-1500

1000 to 1500 KVA

MODEL NO: SCVSOCB1000-1500

TECHNICAL SPECIFICATIONS

Servo Power Stabilizers are available in a wide range and various models. The standard three phase models are suitable for balanced & unbalanced supply and loads. The standard models confirm to the following.

Rating (kVA)	5KVA TO 60KVA	75KVA TO 2000KVA
Type of cooling	Air	Oil
Input voltage range (V L-L) *	300-500 / 340-480 / 360-460 /370-470	
Output voltage (V L-L) *	415 (380V/400V - optional)	
Output Voltage Regulation	1% of nominal output voltage	
Input frequency range	50HZ	
Model No.	SCVSOC75-100, SCVSOCB75-100, SCVSOC125-200, SCVSOCB125-200, SCVSOC200-300 SCVSOCB200-300, SCVSOC400-800, SCVSOCB400-800, SCVSOC1000-1500, SCVSOCB1000-1500	
Efficiency	>97%	
Effect of Load Power Factor	Nil	
Waveform Distortion	Nil	
Type of Servo Control	Micro Controller based	
Servo Motor Drive	Triac based drive for AC Step Synchronous motor	
Under/ Over Voltage cutoff	Electronic cutoff circuit with graded time delay, set @ +5% / - 10% of nominal output voltage	
Overload cutoff	CT based Electronic cutoff circuit with graded time delay set @ 110% of rated full load current	
Short circuit protection	MCB / MCCB provided upto 100 kVA. Above 100 kVA HRC fuse (MCCB optional)	
Single phasing prevention	Provided	
Stabiliser bypass	Optional	
Emergency Off Switch	Provided	
Frequency cut off protection	Optional	
Input High Voltage Trip	BY Shunt tripping/ Contractor tripping	
Resetting mode	Manual / Auto option provided with programmable time delay	
Display Type	Digital	
Parameters displayed	Input & Output Voltages (Line & Phase), Output Currents & Frequency	
Input / Output Terminations	Bolted Terminals up to 75 KVA,Busbar 100 KVA and above	

SERVO POWER TECHNOLOGIES

SINGLE PHASE ISOLATION TRANSFORMER

THREE PHASE AIR COOLED ISOLATION TRANSFORMER

THREE PHASE OIL COOLED ISOLATION TRANSFORMER

SERVO POWER TECHNOLOGIES

ONLINE / OFFLINE UPS

BATTERY

SERVO POWER TECHNOLOGIES

APPLICATIONS

- Automobile industry
- Pharmaceutical industry
- Ceramic industry
- Oil and gas industry
- Engineering industry
- Plastic industry
- Food Processing machines
- Textile machines - Spinning, Weaving, Knitting, Embroidery, Garments manufacturing
- Printing machines
- Hospital
- Hotel / Restaurants / Resorts
- Residency / Farmhouse

FEATURES & BENEFITS

- Input Under / Over voltage trip - The trip points can be set as per machine requirements
- Electronic Overload trip - CT based current sensing for accurate and reliable protection
- Set output voltage (+-1%)
- Short circuit protection
- Single phasing protection
- Manual service bypass for emergencies
- Emergency stop for safety
- Alarm System
- Suitable for balanced and unbalanced load
- Reduction in Breakdown of Electrical Equipments And Improve Life of Electrical Equipments
- Power Saving (Reduction in Power Bills)

SPT
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Our Happy Clients are our real Assets

TKE

Tickle your senses
Flavaroma

metro
BRANDS

SWADESH
LIFE SCIENCE

DevShiv
Processing
MEGACORP PRIVATE LIMITED
Simplifying worldwide Trade

Subros

NISSAN
CLEAN INDIA
Innovative Wash Systems

Care & Commitment
Shubhechha
Multispeciality Hospital

Panama
PETROCHEM LTD.

Pontos®

G.S. INFRAPORT
PRIVATE LIMITED

QUEBEC
Petroleum Resources Ltd.
(An ISO 9001-2015 Certified Company)

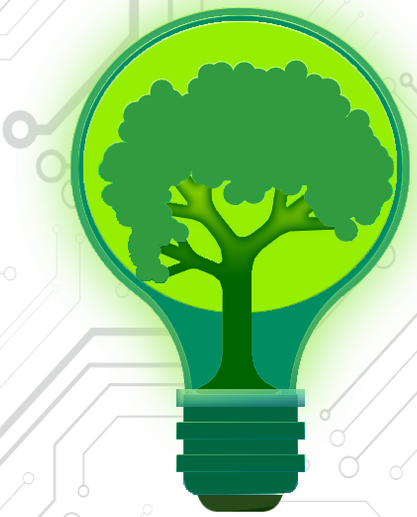
AIROLAM®
DECORATIVE LAMINATES

PowerDrive

Albelo

Naman

AABAD™



ECO ENERGY
NATURAL POWER

SPT
SERVO POWER TECHNOLOGIES

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