

Sri Tulasi was established in the year 2025 and is one of the leading manufacturers of Power Conditioning and Power Saving equipment, incorporating advanced technology.

The Sri Tulasi brand is synonymous with superior quality, reliability, and service, which remain our core focus. These attributes have enabled us to achieve high levels of customer satisfaction and loyalty. Today, Sri Tulasi serves more than 1,500 customers across the globe. Our dedicated R&D team continuously strives to upgrade products and technologies while introducing innovative features that meet evolving customer requirements. We are committed to delivering safe, reliable, and high-performance solutions.

Sri Tulasi has a strong and diverse customer base across multiple sectors, including industrial, commercial, and residential complexes; biomedical units; R&D laboratories; textile industries; food and beverage plants; educational institutions; hospitals, and many more.

Physical Dimensions				
Capacity	L	D	H	Wt. (Kgs)
3KVA-3Ph	495	375	500	65
6KVA-3Ph	495	375	500	75
10KVA-3Ph	470	470	1050	85
12KVA-3Ph	470	470	1050	90
15KVA-3Ph	470	520	1200	140
20KVA-3Ph	470	520	1200	165
22.5KVA-3Ph	540	520	1350	180
25KVA-3Ph	540	520	1350	190
30KVA-3Ph	540	520	1350	200
40KVA-3Ph	540	520	1350	240
50KVA-3Ph	640	620	1400	270
60KVA-3Ph	640	620	1450	290
75KVA-3Ph	640	620	1450	320
80KVA-3Ph	1400	550	1250	440
90KVA-3Ph	1400	550	1250	460
100KVA-3Ph	1480	600	1300	480
125KVA-3Ph	1480	600	1300	520
150KVA-3Ph	1480	600	1350	560

Above 150 KVA & upto 2000 KVA dimensions will be given on request



**Quality in Every Product,
Support at Every Step**

Power Conditioner

An ISO 9001:2015 Certified





Power Conditioner

Physical Dimensions

Sri Tulasi offers a wide range of Power Conditioners designed to reduce the effects of power line disturbances such as noise, spikes, surges, transients, and neutral fluctuations.

Although power generation in our country has improved and the availability of continuous power is better than before, the stringent requirements of modern sophisticated equipment underline the necessity for clean and reliable power.

Due to the widespread use of inductive and capacitive loads, SMPS loads, electronic ballasts, and PWM-based switching systems, present-day AC power lines are often superimposed with harmful spikes, surges, transients, sags, RFI noise, and harmonics. As a result, the failure rate of electronic equipment is steadily increasing. Without adequate protection, all electronic equipment is exposed to significant risk.

In most cases, failures do not occur immediately. Repeated electrical stresses caused by normal transients gradually weaken components, leading to a reduced operational lifespan. Line disturbances such as spikes, surges, and transients place severe stress on semiconductor components, resulting in catastrophic machine failures, software malfunctions, damage to PLCs, and data storage devices, ultimately causing heavy losses in production, data, and man-hours.

With Sri Tulasi Power Conditioners, common electrical disturbances-particularly common-mode noise, spikes, surges, and transients-can be eliminated to a great extent, ensuring reliable operation and long-term protection of sensitive equipment.

Standard Features :

A High Reliability :

Uses solid state control circuits • No relays • No warm-up time • Synchronous motor drive • Professional grade ICs and Components are used.

Trouble free operation :

- Every unit is 'soak tested for 48 hours
- Quick response time 10 milli sec (half a cycle)
- All Transformers are copper-wound on CR laminations and double vacuum impregnated for High efficiency, Low losses, Low temperature rise and Withstand's in all climatic conditions
- Excellent regulation as high as $\pm 0.5\%$
- Zero wave-form distortion
- Plug-in type micro controller PCBs with gold fingers for better contacts to ensure excellent reliability and minimum down-time
- Unaffected by load power factor
- Ruggedised construction
- A EFFICIENCY- AT ALL VOLTAGES and LOADS within the range of the stabliser greater than 98%
- No Load losses are Very low
- Very wide input operating ranges
- PROVISION OF CABLING-input and output cable termination with provision for fixing cable glands
- SERVO MOTOR DRIVE rugged ac step synchronous motor
- ENCLOSURE - IP32
- FREE ON WHEEL MOUNTING - FLOOR MOUNTED

Technical Specifications :

Input voltage range : 300-460V AC 3-ph 50hz/60hz ph-ph, 340-480V AC, 360-460 V AC

Out put : 415/220V as per requirement

Insulation : Class-F

Speed of correction : 60V/sec

Response time : 10 milliseconds

System Connectio4ns : Delta/Star or Star/Delta

Ratios : 1:1 and 2:1

Regulation : Better than 3.5%

Power Factor : 0.75 Lead to 0.75 Lag

Di-electric Strength : 3KV for 60 sec

Insulation Resistance : Better than 1000 Mega Ohms

Coupling Capacitance : 0.01 PF for 100 Db

Leakage Current : Less than 20 Micro Amps

Common Mode Attenuation : 100 Db/120 Db

Construction Standards : As per IS 2026 Part I & II

Type of Execution : Closed Type

Operating Temperature : 0°C to 45° C

Type of cooling : Natural air/ Forced air

Capacity	Product Code: STPS-1				Product Code: STPS-2				Product Code: STPS-3			
	Input Range: 295-465 V/Output: 415 V				Input Range: 340-480V/Output: 415 V				Input Range: 360-460V/Output: 415 V			
	Length	Depth	Height	Weight	Length	Depth	Height	Weight	Length	Depth	Height	Weight
3KVA 3PH	700	400	1000	105	700	400	1000	105	700	400	1000	105
6KVA-3Ph	700	400	1000	125	700	400	1000	125	700	400	1000	125
10KVA-3Ph	800	540	1150	205	800	540	1150	205	800	540	1150	205
12KVA-3Ph	800	540	1150	230	800	540	1150	230	800	540	1150	230
15KVA-3Ph	800	540	1150	260	800	540	1150	260	800	540	1150	260
20KVA-3Ph	930	630	1260	310	930	630	1260	310	930	630	1260	310
22.5KVA-3Ph	930	630	1260	320	930	630	1260	320	930	630	1260	320
25KVA-3Ph	930	630	1260	340	930	630	1260	340	930	630	1260	340
30KVA-3Ph	930	630	1260	350	930	630	1260	350	930	630	1260	350
35KVA-3Ph	930	630	1260	390	930	630	1260	390	930	630	1260	390
40KVA-3Ph	1450	630	1380	480	1450	630	1380	480	1450	630	1380	480
45KVA-3Ph	1450	630	1380	520	1450	630	1380	520	1450	630	1380	520
50KVA-3Ph	1450	630	1380	550	1450	630	1380	550	1450	630	1380	550
60KVA-3Ph	1300	700	1600	650	1300	700	1600	650	1300	700	1600	650
75KVA-3Ph	1400	800	1700	750	1400	800	1700	750	1400	800	1700	750
80KVA-3Ph	1400	800	1700	810	1400	800	1700	810	1400	800	1700	810
90KVA-3Ph	1400	800	1700	850	1400	800	1700	850	1400	800	1700	850
100KVA-3Ph	1400	800	1700	880	1400	800	1700	790	1400	800	1700	790
125KVA-3Ph	-	-	-	-	1400	800	1700	810	1400	800	1700	810
150KVA-3Ph	-	-	-	-	1400	800	1700	920	1400	800	1700	920

Protections

- Low Voltage Protection
- High Voltage Protection
- Overload protection with MCB/MCCB
- Short Circuit Protection
- Single phasing preventer

Panel Controls

- Input/output MCVS Button
- Auto/Manual MCVS Button
- Increase/decrease switch to control the output voltage in manual mode
- Volts adjust to set required output voltage in auto mode

Panel Indications

- Input - On Output - On
- Input - Low Input - High
- Output - Cutoff

Panel Meters

- Micro Controlar PCB to read Input/Output voltages
- Digital Display (From 1 KVA 3 Ph onwards)

Input/Output Connections

- Separate cable entry box is provided

Applications

- Cell Phone Networks
- Printing Machinery
- Garment Equipments
- Telecommunication Equipments
- Scientific Equipments
- A Large Computer Installations
- Bio Medical Equipments
- Textile Machinery
- CNC Machines & many more...

- Food Industries • Engineering Industries • Corporate Offices • Medical Sectors • Shopping Mall • Heavy Industries