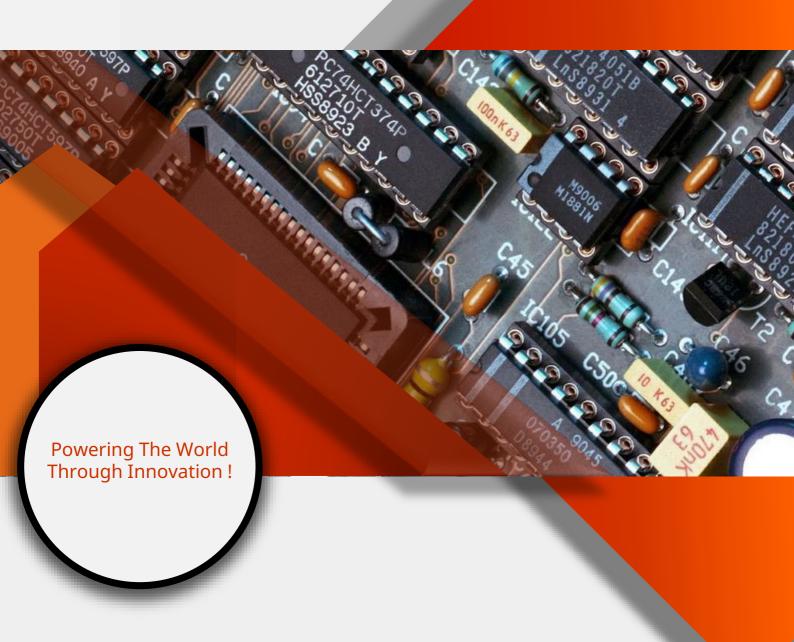
PRODUCT PROFILE

www.origintechindia.com



ORIGINTECH
Electronics (India) Pvt. Ltd.



Our Commitment to Innovation and Quality



OriginTech Electronics India Pvt. Ltd.

is a leading manufacturer of high-quality power solution products, specialized in Servo Voltage Stabilizers, Static Voltage Stabilizers, Online UPS, APFC Panels, Power Distribution Panels and Isolation Transformers.

Established in 2018, the company has rapidly grown into a trusted brand in the Indian power industry. We are more than just a manufacturer – we are your trusted partner for power solutions.

By combining our high-quality products, expert consultancy, service/
maintenance and exceptional customer support, we aim to exceed your expectations and help you achieve your goals. Our products are meticulously crafted using premium quality raw materials and adhere to stringent national and international quality standards.

Why Choose OriginTech?

- In-House Design & Products
 Manufacturing

 100% Made in India
- Customized Solutions
 Designed for your specific requirements
- **24/7 Technical Support**Pan India service and delivery
 - Quality Assurance
 ISO certified with stringent quality standards

Founded In

2018

Products

6+ Categories





Servo Voltage Stabilizers

Precision voltage control for industrial applications



Key Features





High Speed Correction: 70V/Sec

Digital LCD Display

Complete Protection Suite

98% Efficiency Rating

Applications



Manufacturing Plants



IT & Data Centers



Medical Equipment



Printing Industry

Technical Specifications

Parameter	Air Cooled	Oil Cooled
Rating (kVA)	10kVA - 150kVA	50kVA - 2000kVA
Input Voltage Range	320V-460V / 340V-	480V / 360V-480V
Output Voltage	415V (380V/400V optional)	
Correction Speed	70V/Sec	
Response Time	10ms	
Voltage Regulation	±1% Tolerance	
Efficiency	98% >	
Frequency Range	47Hz - 53Hz	
Control Type	Microcontroller based true RMS	
Display	LCD Display	

Protection Features

- Under/Over voltage cutoff with electronic circuit
- CT based electronic overload protection
- Short circuit protection with MCB/MCCB
- Single phasing and phase reversal protection
- · Transient protection through MOV
- · Built-in bypass switch
- Neutral Earthing over voltage





Static Voltage Stabilizers

Zero maintenance, high-speed voltage correction





Zero maintenance, no switching, no moving parts

Fast Response Time 10ms response time

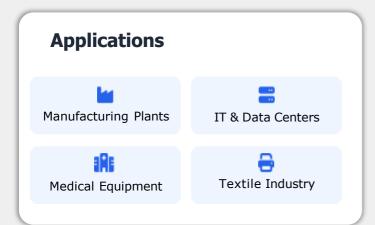
High Speed Correction

2000V per second

Air Cooled Design No oil tanks, completely oil-free

High Efficiency Greater than 98.5%

> **Zero Impact Protection** Against voltage sags, surges, spikes, noise, swells





Technical Specifications

Parameter	Single Phase	Three Phase
Capacity	5KVA - 50KVA	10KVA - 250KVA
Technology	IGBT based AC	- AC conversion
Correction Speed	2000 V/Sec	
Input Voltage	170V – 280V AC	340-460V AC
Frequency	47-53Hz	
Output Voltage	230V AC ±1%	415V AC ±1%
Output Range	220V-240V AC	380V-415V AC
Display	Digital LCD Disp	lay
Controller	High Speed dsP	IC

Protection Features

- Low voltage protection
- •High voltage protection •Short circuit protection
- Overload protection Single phasing protector
- •MCB/MCCB protection
- Spike protection
- •Built-in Bypass Switch







Online UPS Systems

Uninterrupted power protection with advanced technology

Advanced Features

- **Innovated Own Design**
 - Rugged topology, IGBT based technology
- 3 Phase Sensing

Built-in True ARD (Auto Restart Delay)

- **User-Friendly Display**
 - Control through UPS LCD display
- **Event Logging**

Up to 100 events with real-time clock

Solar Compatible

Works with on-grid/off-grid solar systems

Applications



Manufacturing Plants



IT & Data Centers



Medical Equipment



Printing Industry

Technical Specifications

Parameter	Single Phase	Three Phase
Capacity Range	3KVA to 50KVA	5KVA to 250KVA
DC Voltage	72V to 360V	
Input Voltage	180V-260VAC	300V-450VAC
Output Voltage	230VAC ±1%	415VAC ±1%
Frequency	50Hz ± 2Hz	
Technology	DSP based IGBT	-
Battery Charging	Reverse charging	g technology
Power Factor	Unity for mains mode	
Changeover Time	10-40 sec (user settable)	
Efficiency	Mains: 100%, Battery: ≥88%	
Operating Temp	0-50°C	

Protection Features

- Input high/low voltage *
- Overload protection
- Output short circuit
- Battery low trip
- Phase reversal
- Single phasing

Display & Alarms

- · LCD display with all parameters
- Mains fail alarm @ 15 sec
- Battery low pre-alarm @ 80% discharge
- Real-time event logging





APFC Panels

Automatic Power Factor Correction for energy efficiency



Features & Benefits

Improved Power Factor

Optimizes electrical system efficiency

\$ Lower Electricity Bills

Reduces reactive power demand charges

Enhanced Equipment Performance

Improves overall system efficiency

Reduced Operational Issues

Minimizes equipment stress and failures

Energy Measurement

Real-time power factor monitoring

Built-in Protection

Corrosion resistance and fuse protection

Applications



Manufacturing Plants



IT & Data Centers



Medical Equipment



Printing Industry

Technical Specifications

Capacity 10 KVAR >	Phase Delta Connection
Input Range	380/415/440V, 3 Phase, 50Hz
System Type	Balanced/Unbalanced
Control Range	-0.8 Lag to +0.8 Lead
PF Setting	-0.8 Capacitive
Humidity	Up to 95% RH
Switching Type	Static Switch/Firing Modules

Protection Features

- Input MCB/MCCB for incoming APFC panel
- Input MCB/MCCB for PF capacitor of each step
- Untuned choke (4% line voltage) for each bank

Indications

- Mains ON
- APFC Panel ON
- Static Switch ON
- Control ON
- Step MCCB ON





Power Distribution Panels

Reliable power management and distribution solutions



Key Features



Efficient Load Distribution

Optimized power distribution across systems



Complete Protection

Against overloads and short circuits



Modular Design

Allows future system upgrades



Circuit Breakers

Advanced control and protection features



Easy Maintenance

User-friendly design for service access



Quality Standards

Compliant with national and international norms

Applications & Industries



Industrial Plants

Manufacturing & processing facilities



Commercial Buildings

Offices, malls, and complexes



Healthcare

Hospitals and medical facilities



Data Centers

IT infrastructure and servers

Custom Solutions

- Tailored to specific load requirements
- Various voltage ratings and configurations
- Integration with existing power systems
- Compliance with local electrical codes
- Professional installation and commissioning
- Comprehensive testing and certification







Isolation Transformers

Electrical isolation and noise reduction solutions

Key Benefits

- Electrical Isolation
 - Complete isolation between input and output circuits
- **▲** Noise Reduction

Eliminates electrical noise and interference

High Dielectric Strength

Enhanced safety assurance for critical applications

Low-Loss Design

High efficiency with minimal power losses

F Temperature Stability

Reliable operation across temperature ranges

Maintenance-Free

Robust construction for long-term reliability

Applications

Sensitive Electronics

Protection for computers, medical equipment, and instrumentation

Radio & Communications

Ultra isolation for transmitters and radar applications

Medical Equipment

Patient safety and equipment protection in healthcare

Laboratory Equipment

Precise measurements and sensitive instrumentation

Technical Features

- Single and three-phase configurations available
- Custom voltage ratios and power ratings
- · Low interwinding capacitance options
- Electrostatic shielding for enhanced protection
- · Compact design for space-efficient installation
- Comprehensive testing and quality assurance



Some of Our Installations















Gallery







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