



Three Decades of Power Expertise. One Commitment — Reliability.

For over three decades, M.R Electricals has delivered reliable and efficient power solutions to industries across India. With a strong focus on engineering excellence and long-term performance, our systems are designed to support critical operations that rely on stable, high-quality power.

We design every product with precision, manufacture with controlled processes, and test for consistent performance - ensuring that your operations stay protected, productive, and future - ready.

Leading Manufacturers of

- Servo Voltage Stabilizer
- Static Voltage Stabilizer
- Customized Test Benches
- Uninterruptible Power Supply (UPS)
- Isolation / Ultra Isolation Transformer
- Plating Rectifier & Static Reversible Rectifier

Built to Perform. Trusted to Last.



Servo Voltage Stabilizer

M.R Electricals' servo stabilizers provide precise $\pm 1\%$ Voltage regulation using rugged servo-motor control. They ensure stable output, protect sensitive equipment, and deliver long-term, reliable performance in demanding industrial environments.



Available from 3 kVA to 2000 kVA

- ✔ **$\pm 1\%$ Regulation**
- ✔ **Rugged servo drive**
- ✔ **>98% Efficiency**
- ✔ **High load handling**

Technical Specifications

Input Voltage Range	360V to 480V*
Output Voltage Range	380V/415V Line to Line 220V/240V Line to Neutral
Correction Speed	35V/sec 75V/sec (Optional)
Response time	Less than 10 milliseconds
Efficiency	>98%
Cooling	Air Cooled up-to 75 kVA Oil Cooled from 75 kVA & above
Duty	Continuous
Protection Features	Under/Over Voltage Protection Single Phasing Protection High/Low Voltage Trip Phase Reverse Protection Surge and Spike (Optional)

Static Voltage Stabilizer (IGBT-PWM, DSP Control)

Our static stabilizers use high-speed IGBT Based DSP PWM technology with for ultra-fast correction without moving parts. Compact, efficient, and Maintenance-free, they are ideal for sensitive electronics, automation systems, and nonlinear industrial loads.



Available from 6 kVA to 300 kVA

- ✔ **Compact Design**
- ✔ **Ultrafast Correction**
- ✔ **Silent operation**
- ✔ **Maintenance-free**

Technical Specifications

Input Voltage Range	90V to 300V (1-Phase)* 150V to 520V (3-Phase)*
Output Voltage Range	220/230/240V $\pm 1\%$ (1-Phase) 380/400/415V $\pm 1\%$ (3-Phase)
Suitable for Unbalanced Input Voltage and Load	
Surge Load Handling	Upto 10 times the surge load
Correction Speed	Upto 20,000V per sec
Protection Features	Overload Protection Short Circuit Protection Under/Over Voltage Protection High Input Voltage Tolerance (Can withstand Input Upto 800V)
Lightning Protection	6 kV for 8/20 μ s
Advanced Safety Features	Neutral Floating Neutral Failure Protection Double Phasing Protection Uninterrupted Bypass during very high surge loads (>10 times)

Uninterruptible Power Supply (Online UPS)

Our online UPS systems deliver uninterrupted power through true double-conversion architecture. They provide consistent, isolated output that protects critical IT, CNC, PLC, and medical equipment from fluctuations, electrical noise, and other disturbances.



Available from 5 kVA to 250 kVA

- ✔ Double conversion
- ✔ CVCC Charger
- ✔ True online design
- ✔ Galvanic Isolation

Technical Specifications

Input Voltage Range	180V to 270V (1-Phase)* 340V to 470V (3-Phase)*
Output Voltage Range	220/230/240V \pm 1% (1-Phase) 380/400/415V \pm 1% (3-Phase)
Frequency	45-55 HZ
Output Wave Form	Pure Sine Wave
Output Frequency	50Hz \pm 0.01 %
Output Isolation	Galvanic Isolation
Power Factor	0.8 to Unity
THD	Less than 3%
Technology	DSP Based PWM Technology
Charger Type	Constant Voltage Constant Current
Charging Mode	Trickle, Float & Boost
Noise Level	Less than 45dB

Isolation / Ultra - Isolation Transformer



Available up-to 500 kVA

Isolation Transformers provide complete galvanic isolation between input and output, preventing DC paths and protecting equipment from electrical noise, spikes, and disturbances. They stabilize neutral issues, reduce harmonics, and deliver clean, reliable power for sensitive and critical load.

Complete galvanic isolation for clean, stable output
Strong protection against surges and high-energy spikes
Effectively reduces electrical noise and harmonics
Ensures stable neutral performance with Delta-Star design
High thermal stability for demanding load conditions
Reliable short-circuit withstand for critical applications
Lower operational noise with improved insulation resistance

Notes: *Specifications shown represent our standard range. We can customize the capacity and configuration as per your requirements.

*As our designs are continually improved, specifications may change without prior notice

*Actual performance may vary depending on installation and load conditions.

Trusted by Leading Industries Across India and Beyond



...and many more.

Why Niyantran?



In House Manufacturing

Design, development, assembly, and testing - all under one roof in Nashik.



Made for the World

Supporting Indian industry while meeting global standards of precision and durability.



Reliable Support

Quick answers, clear response everytime - no follow-ups needed.

Let's Power Your Next Project.

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Quick Quotation?

Scan the QR code and submit your details -

We'll reach out soon.



Visiting Us?

Scan the QR code for google map location -

We'd love to meet you.



Power Bhi
Control Bhi