

# Features & Characteristics

- ✓ Fully Automatic
- ✓ Servo Motor Controlled
- ✓ Wide Range Regulator
- ✓ High & Low Voltage Protection
- ✓ Overload/Short Circuit Protection
- ✓ Phase Sequence Protection (60KVA and above)
- ✓ Auto/Manual Regulating Option (60KVA and above)
- ✓ Individual Phase Control as per customer requirement
- ✓ Benford Type, Amorphous core for Air Forced cooling system (optional)
- ✓ Fast Response Time
- ✓ Voltage Indication Meter
- ✓ Current Indication Meter
- ✓ Phase Missing Protection
- ✓ Auto Trip And reset System
- ✓ Oil Cool System (60KVA-2000KVA)
- ✓ Rust Proof Plastic Paint Steel Cabinet.
- ✓ Built-in (Adjustable) Delay Timer (Optional)
- ✓ Internal Manual By-Pass System (Optional)

## Technical Specifications

| PHASE                    | SINGLE PHASE   | THREE PHASE   |
|--------------------------|--|---|
| Capacity                 | 1KVA ~ 20KVA   | 3KVA ~ 2000KVA  |
| Input Voltage Range      | 160V ~ 270V, 120V ~ 280V, 100V~280V  | 300V ~ 460V/ 250V~460V/ 220V~460V   |
| Output Voltage           | 220V/110V AC ± 10%   | 380V / 400V / 415 V / 440V / 460V   |
| Frequency                | 50Hz/60Hz  | 50Hz/60Hz   |
| Control System           | Relay/Servo Control  | Combined or Individual Phase Control.   |
| Protection               | Over voltage, Under voltage, Over load, Short circuit, Surge, Spike, Transient Protection. | Over voltage, Under voltage, Over load, Short circuit, Surge, Spike, Transient, Protection, Phase Sequence Protection and Phase Missing Protection. |
| Monitoring System        | LCD/LED / Digital Display  | LCD/LED / Digital Display   |
| Correction Accuracy      | ± 1% / ± 3%  | ± 1% /±3%   |
| Correction Speed         | 30V/Sec or 50V/Sec   | 30V/Sec   |
| Cooling System           | Natural Air / Air Forced / Oil immersed  |   |
| Waveform Distortion      | Negligible   |   |
| Transient Suppression    | Upto 800V Peak   |   |
| Load Power Factor Effect | Nil  |   |
| Environment Condition    | 5°C~60°C   |   |
| Duty Cycle               | 95% Continuous   |   |
| Humidity                 | Maximum 98%  |   |
| Over load Capacity       | 100% for 15 Sec  |   |

- ✓ Higher capacity and special type of AVS/IVS are made on order.

### Micro Control Technology other's Products:

- |                                      |                                 |                          |
|--------------------------------------|---------------------------------|--------------------------|
| ✓ Uninterruptible Power Supply (UPS) | ✓ AC & DC Variable Power Supply | ✓ Sub-Station Equipments |
| ✓ Instant Power Supply (IPS)         | ✓ Auto Changeover Switch        | ✓ HVAC System            |
| ✓ Moving Message Display             | ✓ Generator (Gas & Diesel)      | ✓ Solar system           |
| ✓ Inverter-Converter                 | ✓ Battery charger               | ✓ PFI Plant              |
| ✓ CCTV System                        | ✓ Battery                       | ✓ Rectifier              |
|                                      |                                 | ✓ Timers                 |

### Micro Control Technology other's Services:

Repair & Maintenance of Medical Equipment, Textile Machineries, Spinning Machineries, Weaving Machineries, Knitting Machineries, Dyeing & Finishing Machineries, Embroidery Machineries, Label Machineries and others Industrial control panel and their modification. We also Design & Supply different types of Electronics, Instruments & Electrical Industrial Equipments required by the customer.



# MICRO CONTROL TECHNOLOGY

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