

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 $\pm 10\%$	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	$\pm 1\%$ / $\pm 3\%$	$\pm 1\%$ / $\pm 3\%$
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)
- ✓ Instant Power Supply (IPS)
- ✓ Moving Message Display
- ✓ Inverter-Converter
- ✓ CCTV System
- ✓ AC & DC Variable Power Supply
- ✓ Auto Changeover Switch
- ✓ Generator (Gas & Diesel)
- ✓ Battery charger
- ✓ Battery
- ✓ Sub-Station Equipments
- ✓ HVAC System
- ✓ Solar system
- ✓ PFI Plant
- ✓ 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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