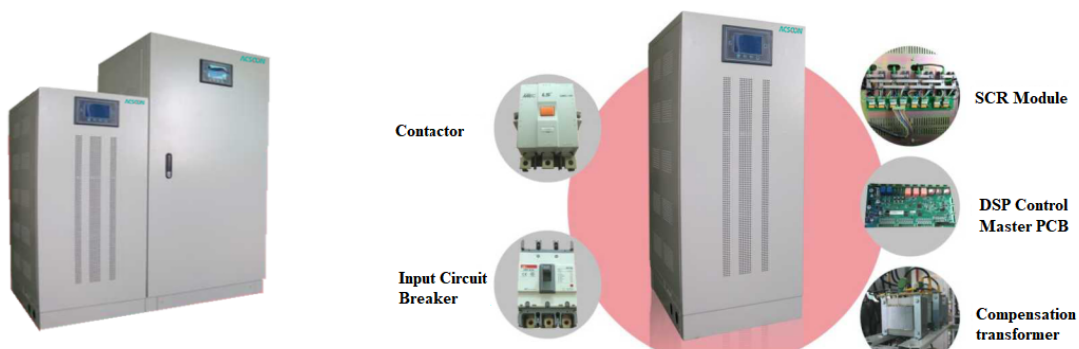


AF30 Series Automatic Voltage Regulator

ACSOON Non-contact Automatic Voltage Regulator is a new generation of AC voltage regulator developed and produced by our company, which meets the special requirements of application equipment or power supply. It has the advantages of fast response, high stability and accuracy, no carbon brush, no servo motor, no machinery, simple maintenance, three-phase voltage automatic balance etc., It is an upgraded product of mechanical voltage stabilizer.

The product has passed CE certification of European union, national quality and Technical Supervision bureau monitoring certificate etc., ACSOON AF30 series AVR's are of common type, with many varieties, complete specifications and decent appearance. It has the characteristics of reliable performance and long-term operation. It has over-voltage protection function and under-voltage delay protection function according to user's needs.

ACSOON AF30 series AVR's are widely well applied in test equipment, lighting systems, communication systems, medical equipment, industrial automation equipment and other places, is an ideal stabilizer power supply ensure the normal operation of your equipment in a stabilized voltage status.



Specification

● Capacity

- ◇ 10KVA/15KVA/20KVA/30KVA...400KVA
600KVA.800KVA...2000KVA

● Input

- ◇ Voltage:

Single phase AVR :

220V \pm 20%,(160V-250V). 25% optional

Three phase AVR :

380V \pm 20%,(304V-456V). 25% optional

- ◇ Frequency:50Hz/60Hz
- ◇ Power Factor:0.8 (Standard Type)

● Output

- ◇ Voltage:

Single phase AVR : 220V &

110V,or as per customized

Three phase AVR :

380V,400V, 415V. or as per customized

Regulation Accuracy: 220V \pm 2%

Regulation Accuracy: 380V \pm 2%

(1% - 5% adjustable optional)

- ◇ THD: No additional waveform distortion produced

● Response time

- ◇ <0.1 second,voltage in 10% variation

● Overload Capability

- ◇ 200% 10 Seconds

● Electrical Resistance

- ◇ 1500V~1800V/1min

● Insulation Strength

- ◇ Insulation strength of the unit to Ground>2M Ω

● Working Condition

- ◇ Temperature: - 10 $^{\circ}$ C~ + 50 $^{\circ}$ C
- ◇ Temperature rise: 60 $^{\circ}$ C
- ◇ Humidity:10-95%
- ◇ Noise:< 65dB within 1 meter
- ◇ Continuous work

● Reliability&Efficiency

- ◇ Mean Time Between Failure(MTBF) 50,000H
- ◇ Mean time to restoration(MTTR)< 30 min
- ◇ Overall efficiency: \geq 98%

● Protection

- ◇ Over voltage, under voltage protection, phase-absence, overload, short-circuit protection. Change over switch to Bypass mode in case of AVR in failure

● Recovery time

- ◇ 1 min recovery time of voltage in stabilization mode after the protection state is removed

Specification

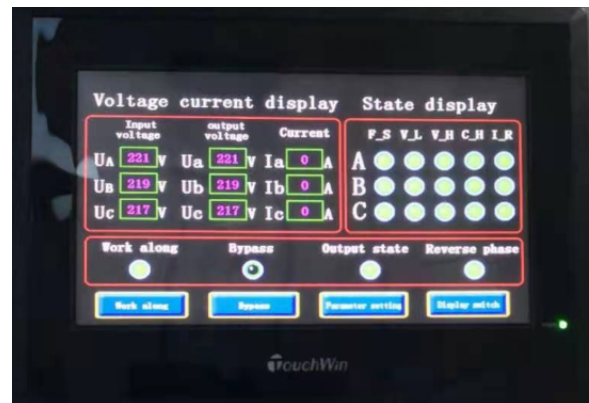
- **Displaying / Standard**

- ✧ Standard LCD Displaying
Language (English & Chinese)
Displaying Output Voltage value
Phase to Neutral



- **Displaying / Optional**

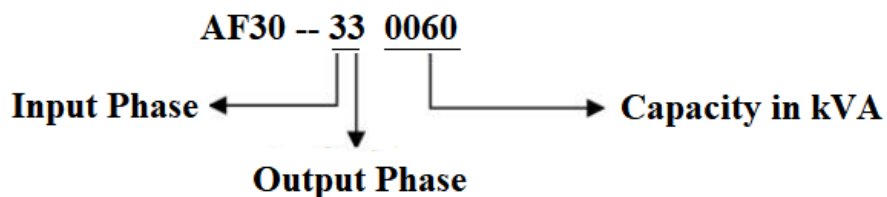
- ✧ LCD Displaying, Touch Screen
Language (English)
Displaying both Input & Output voltage value
Phase to Neutral



- **Communication Protocol**

- ✧ Support Modbus Mode RS485 Communication Port (Optional)

- **Model Selection**



- **Warranty**

- ✧ One year