

# SDR Series

## >> AC. Automatic Voltage Regulator/Stabilizer

### SDR Relay-type AVR, with Luxury LED digital meter display

#### ► Features

The series product is a relay type high accuracy household voltage stabilizer. Low power consumption, reliable work, high accuracy of stabilization, and good for use in regions where the net voltage is much fluctuating.

- ★ High technology: Relay+ Microprocessor control(CPU) system
- ★ Wide input voltage: 140~260VAC
- ★ Fashion design: Intelligent LED display
- ★ High efficiency: More than 90%
- ★ Perfect protection: Over-voltage, under-voltage, over-load, short circuit, over temperature, time delay etc.

#### ► Applications

Computer, Testing equipment, Lighting system, Communication system, Medical equipment, Industrial automatic equipment, Stereo sound equipment and home appliance etc.



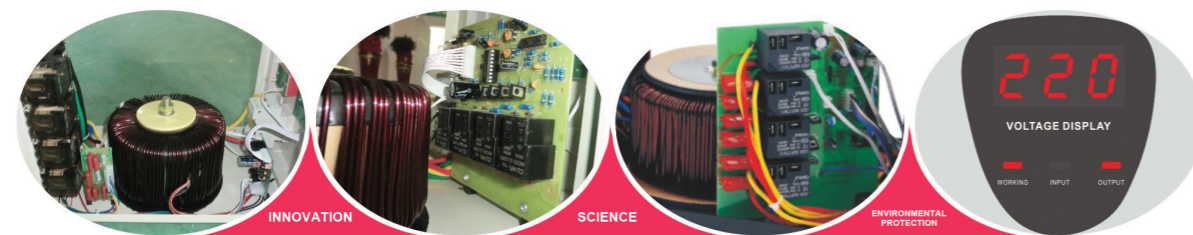
Adopting Advanced Core Technology  
Intelligent LED display system

#### ► Main Technical Datas

Technology	Relay+Micro Computer Programmed Control System
Input voltage	140V~260V
Output voltage	220V
Output accuracy	220V ± 8%
Frequency	50Hz/60Hz
Time delay	5s
Efficiency	>90%
Response time	≤1s(against 10% input voltage deviation)
Ambient temperature	-10℃~+40℃
Relative humidity	<95%
Insulation resistance	>2MΩ
Withstand voltage	1500V/min.
Waveform distortion	No additional waveform distortion
Protection function	Over-voltage, under-voltage, over-load, short circuit, over temperature, time delay etc.

Remarks: 200V/220V/230V/240V 1Phase optional  
110V/120V/127V/130V 1Phase optional

#### ► Craft Images



◆ All specifications subject to change without notice.

#### ► Order Specifications

#### 0.5KVA/1KVA/1.5KVA



Input voltage	140V-260V	Efficiency	> 90%
Output voltage	220V	Ambient temperature	-10℃ ~ +40℃
Accuracy of voltage	220V ± 8%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1s	Package size W × D × H(cm)	57.5 × 27.5 × 38
Insulation resistance	>2MΩ	Qty per pkg(unit)	8
Protection function	Over-voltage, under-voltage, over-load, short circuit, over temperature, time delay etc.		

#### 2KVA/3KVA



Input voltage	140V-260V	Efficiency	> 90%
Output voltage	220V	Ambient temperature	-10℃ ~ +40℃
Accuracy of voltage	220V ± 8%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1s	Package size W × D × H(cm)	35.5 × 30.5 × 45
Insulation resistance	>2MΩ	Qty per pkg(unit)	4
Protection function	Over-voltage, under-voltage, over-load, short circuit, over temperature, time delay etc.		

#### 5KVA



Input voltage	140V-260V	Efficiency	> 90%
Output voltage	220V	Ambient temperature	-10℃ ~ +40℃
Accuracy of voltage	220V ± 8%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1s	Package size W × D × H(cm)	51.5 × 42 × 31
Insulation resistance	>2MΩ	Qty per pkg(unit)	2
Protection function	Over-voltage, under-voltage, over-load, short circuit, over temperature, time delay etc.		

#### 8KVA/10KVA



Input voltage	140V-260V	Efficiency	> 90%
Output voltage	220V	Ambient temperature	-10℃ ~ +40℃
Accuracy of voltage	220V ± 8%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1s	Package size W × D × H(cm)	46 × 26.5 × 31
Insulation resistance	>2MΩ	Qty per pkg(unit)	1
Protection function	Over-voltage, under-voltage, over-load, short circuit, over temperature, time delay etc.		

#### 15KVA/20KVA



Input voltage	140V-260V	Efficiency	> 90%
Output voltage	220V	Ambient temperature	-10℃ ~ +40℃
Accuracy of voltage	220V ± 8%	Relative humidity	< 95%
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Response time	≤ 1s	Package size W × D × H(cm)	41 × 36 × 63(15KVA)
Insulation resistance	>2MΩ	Qty per pkg(unit)	1 45 × 43 × 72.5(20KVA)
Protection function	Over-voltage, under-voltage, over-load, short circuit, over temperature, time delay etc.		

◆ Custom-made specifications are acceptable