

# AC Voltage Stabilizer 5K-20KVA

## Rack-Mounted AVR Series Single-Phase Stabilizer

AVR11 Series 5K-20KVA (1ph in / 1ph out)

### Key Features:

- 100% full power capacity, constructed with solid copper wiring
- CPU-based intelligent control ensures adaptability to any load
- PCB manufactured using SMT surface-mount technology
- All electronic components sourced from genuine imported brands
- LED digital display with intelligent operating interface
- Features overvoltage, undervoltage, overload, and bypass protection functions
- Remote control capability available (optional)



# Technical Specification:

Model	AVR11-5K	AVR11-10K	AVR11-15K	AVR11-20K
Capacity (KVA)	5KVA / 4KW	10KVA / 8KW	15KVA / 12KW	20KVA / 16KW
Control Method	Servo Motor Type (CPU Digital Circuit)			
<b>INPUT</b>				
Rated Voltage	1 * 220VAC (1L+N+G)			
Voltage Range	150VAC ~ 250VAC			
Frequency	50 / 60 Hz			
<b>OUTPUT</b>				
Rated Voltage	1 x 220VAC (1L+N+G)			
Voltage Regulation Accuracy	±2% (1%~5%Adjustable)			
Power Factor	PF≥1			
Efficiency	≥98%			
Response Time	≤0.5S			
Delayed Output	≤5s (Optional)			
Waveform Distortion	≤1%			
<b>Protective function</b>				
Overvoltage	Output exceeds rated voltage by 10% (adjustable), output cuts off after 3-5 seconds delay.			
Undervoltage	Output voltage falls below 15% of rated voltage (adjustable), output disconnects after 3-5 second delay.			
Overload	Output current exceeds rated value, output disconnects after 3-5 second delay.			
Short circuit	When the load device short-circuits, the input power supply is disconnected.			
Bypass	When the voltage regulator malfunctions or is under maintenance, a manual bypass device for the power supply is provided.			
<b>LED Display Status</b>				
Input Voltage	Real-time display of mains input voltage			
Output Voltage	Real-time display of regulator output voltage			
Input Current	Real-time display of current operating current			
Operating Status	AVR, Bypass, Fuse Blown, Over-voltage, Under-voltage, Over-load etc.			
<b>Other indicators</b>				
Cooling Method	Air-cooled			
Insulation Resistance	Whole unit to ground ≥2MΩ			
Withstand Voltage	Whole unit to ground 2000VAC/min without breakdown or arcing			
Noise Level	< 65dB/M			
<b>Environmental Requirements</b>				
Operating Temperature	0°C-45°C(No condensation)			
Operating Humidity	20%-90%			
Machine Dimensions W*D*H(mm)	682*400*264			
Net Weight (KG)	20	35	40	48
*Current product specifications are subject to change without notice.				