

**NEUROPOWER**

Powering Possibilities. Connecting Futures.



Automatic Voltage  
Stabilizer (AVS)

**AVS iND Series**

# AVS iND Series

Designed to operate in heavy duty environments, Neuropower's Industrial Automatic Voltage Stabilizer is available in both relay tapping (AVS-R) and motorized (AVS-M) configurations. The AVS-R regulates the voltage with an accuracy of  $\pm 8\%$  while the AVS-M regulates the voltage with an accuracy of  $\pm 3\%$ .

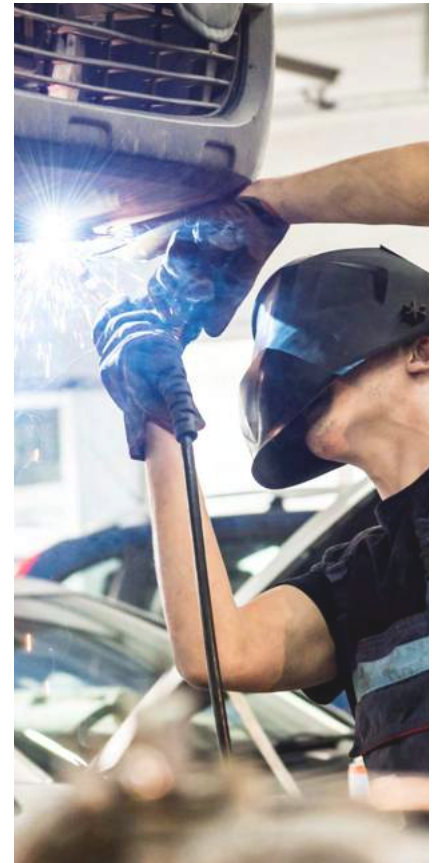
The industrial AVS is the perfect solution to protect your systems from power failures and unnecessary shutdowns due to power fluctuations.



**COMMERCIAL  
USE**



**INDUSTRIAL  
APPLICATION**



**HEAVY DUTY  
ENVIRONMENTS**



# AVS iND Series 1kVA-5kVA features

A practical choice for an AVS that comes with easy maintenance features and built specially for industrial use.

1. **Automatic motorized output regulation up to 3% (AVS-M series)** A feature necessary for heavy duty environments, this AVS provides a regulated output source while boosting the input source with an accuracy of  $\pm 3\%$ .
2. **Digital display meter for a user friendly monitoring**  
An easy monitoring experience of the voltage value.



Digital display of AVS iND 1kVA - 5kVA



### 3. Built in large transformer capacity

Designed with its users in mind, the large transformer capacity is capable to support larger equipments thus providing a versatile option for its users.



Rear view of AVS iND 1kVA - 2kVA



Control panel of AVS iND 1kVA - 5kVA

### 4. Replaceable fuse and user friendly resettable breaker

Putting input protection as a priority, this AVS is built to perform up to its maximum efficiency with easy maintenance.

### 5. Over-current and thermal protection

A safety feature for an industrial designed AVS, it prevents current overload and overheating issues for better protection.

### 6. Automatic time delay function

Provides power stability by ensuring that all voltage outputs are stable and regulated throughout the process.



# Technical Specification

Specification	Model	AVS-R Series (Relay Tapping AVS) / AVS-M Series (Motorized AVS)			
		1000	2000	3000	5000
Input	Power Rating (VA)	1000	2000	3000	5000
	Nominal (VAC)	Single Phase, 230			
	Range (VAC)	180 - 270			
Output	Frequency (Hz)	50 or 60			
	Nominal (VAC)	230			
	Voltage Regulation	AVS-R Series: ± 8% / AVS-M Series: ± 3%			
	Frequency (Hz)	50 or 60			
	Rated Current (A)	4.3	8.7	13	21.7
	Waveform	Sinewave			
	Outlets	(3) x 3 Pins Sockets	R-series: (1) x 3 Pins socket + (1) x 2 Pins Socket + (1) Terminal Block; M-series: (1) x Terminal Block		
Protection	Thermal Protection	Yes			
	High & Low Voltage	Yes			
	Overload Short Circuit	Yes			
	Input Main	User Friendly Resettable Breaker			
	Built-in Time Delay	Selectable 6 secs or 120 secs to regulate input source to provide stable output voltage			
Display	Informative LEDs	On-line, Boost & Buck			
	Meter	Input and Output Voltage			
Operating Environment	Temperature (°C)	0 to 40			
	Humidity	0 - 90% Without Condensation			
	Noise Level @ 1 Meter (dB)	< 40			
Physical	Dimension, W x D x H (mm)	140 X 280 X 170		220 X 400 X 240	
	Weight (kg)	R-series: 5.0 M-series: 5.8	R-series: 7.0 M-series: 6.8	R-series: 14.0 M-series: 11.7	R-series: 16.0 M-series: 12.7
Design Standards	Safety & EMC	CE			

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