

NEUROPOWER

Powering Possibilities.
Connecting Futures.



Automatic Voltage
Stabilizer (AVS)

AVS iND Series

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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 $\pm 10\%$ 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 M Series 1kVA - 2kVA



Control buttons of AVS iND M Series

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)			
	Power Rating (VA)	1000	2000	3000	5000
Input	Nominal (VAC)	Single Phase, 230			
	Range (VAC)	Relay Series: 140 - 260 Motor Series: 160 - 270			
	Frequency (Hz)	50 or 60			
Output	Nominal (VAC)	AVS-R Series: 230 AVS -M Series: 220 / 230 / 240			
	Voltage Regulation	AVS-R Series: ± 10% AVS-M Series: ± 3%			
	Frequency (Hz)	50 or 60			
	Power Factor	Relay series: 0.96 M series: 1.0			
	Waveform	Sinewave			
	Outlets	(2) x 3 Pins Sockets	(2) x 3 Pins Socket (1) x Terminal Block	(1) x Terminal Block	
Protection	Thermal Protection	Yes			
	High & Low Voltage	Yes			
	Overload Short Circuit	Yes			
	Input Main	Fuse	User Friendly Resettable Breaker		
	Built-in Time Delay (For M Series Only)	Selectable 3 secs or 180 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)	190 X 188 X 132	213 X 234 X 155	256 X 319 X 200	256 X 319 X 200
	Weight (kg)	4.15	6.9	11.25	14.25
Design Standards	Safety & EMC	CE			

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