

AUTOMATIC VOLTAGE REGULATOR

Powering Possibilities. Connecting Futures.

> Automatic Voltage Stabilizer (AVS) AVS iND Series

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WORK

# **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  $\pm$  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 vew 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

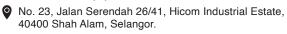
Provides power stability by ensuring that all voltage outputs are stable and regulated throughout the process.



# **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 I 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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