

AUTOMATIC VOLTAGE STABILIZER / AVR



NEPTUNE RS Series

Single-phase Relay Voltage Stabilizer

Advanced technology Microprocessor control, high efficiency Toroid transformer, LED display with fully protection design

FEATURE

- Single Phase Automatic Voltage Stabilizer/AVR
- Advanced Digital Microprocessor Technology
- Wide Input Voltage Range 220VAC +/- 25%
- High accuracy Output Voltage 220VAC +/- 5%
- Built-in High Efficiency Toroid Transformer core (CRGO)
- Over & Under Output Voltage Protection
- Short Circuit & Over Load Circuit Breaker Protection
- Auto-reset with delay time 6/180 Sec.
- Over temperature protection
- EMI & RFI Noise Filter -60dB
- Surge, Spike and Lightning Protection
- LED digital display Input voltage/Output voltage



Application



SPECIFICATION

DESCRIPTION		Model	RS-500	RS-1000	RS-1500	RS-2000	RS-3000	RS-5000
CAPACITY	A / W	500/400	1000/800	1500/1200	2000/1600	3000/2400	5000/4000	
TECHNOLOGY	System	Microprocessor Control Technology Relay type and Toroid Transformer (CRGO)						
INPUT	Input Voltage range	Single Phase ,140-260 VAC						
	Input Frequency	50/60 Hz						
OUTPUT	Voltage Precision	Single Phase ,220 VAC +/-5%						
	Efficiency (%)	More than 98%						
	Outlets	National Receptacle plug x 2					Terminals	
PROTECTION	Over / Under Voltage	Output 250V / 180 V , Alarm and cut off						
	Overload	Circuit Breaker						
	Short Circuit	Circuit Breaker						
	High Temperature	Yes at 120 °C						
	Smart Cooling System	N/A					Fan	
	Noise / Surge	EMI & RFI Noise Filter -60 dB / MOV						
RESPONSE	Time (ms.)	20 ms.						
INDICATOR	LED Display	Input Voltage/ Output Voltage / Hi-Low Cut off / LED Normal working						
STANDARD	Safety/EMC	CE, EN60950, EN55024						
ENVIRONMENT	Temperature	0-40 °C						
	Humidity	0-95%(Non-Condensing)						
PHYSICAL	Dimension (WxDxH) mm	285x172x175	290x172x203				405x260x285	
	Weight (Kgs)	5.1	5.8	6.5	6.6	13.5	16.4	

Specification are subject to change without prior notice

Neptune AVR RS Sr. V2.00



Full Protection



Digital μP



LED Display Stabilizer/AVR



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