

NEPTUNE RS 1000-5000VA

Microprocessor Stabilizer/AVR

Relay



เครื่องปรับแรงดันไฟฟ้าอัตโนมัติ แบบรีเลย์

Features

- Automatic Voltage Stabilizer / AVR Type Relay Tap
- Advanced Digital Microprocessor Technology
- Wide Input Voltage Range 220Vac (140-260Vac)
- Output Regulation 220Vac $\pm$ 8%/10%
- Output Over & Under Voltage Protection
- LED Display Input / Output Voltage, AVR Status
- Short Circuit & Over Load Protection
- Selectable Output Delay Function 6/180 ms
- Built-in Toroid Transformer CRGO Low Loss.
- High Efficiency Stabilizer >98%(CRGO)
- EMI & RFI Noise Filter Atten -60dB
- Surge, Spike and Lightning Protection
- Surge Energy IEC61643 LPZ3, 2 (MOV 165J : I_{max} 6500A at 8/20 μ sec)
- National Output Plug / Terminal (3000-5000VA)
- CE Cert. : LVD : IEC61558, IEC60950, EMC : IEC55022
- ISO9001 / ISO14001:2015 MFG Certification



Microprocessor Control:

Advanced Digital controlled Technology enable Stabilizer/AVR more stable Voltage for Hi Performance Power Quality.



CRGO Tap Control:

Relay Tap Change output 220Vac $\pm$ 8% or 10%



LED Display:

Digital LED segment Display Input Voltage, Output Voltage and Stabilizer Status.



Stabilizer/AVR:

Automatic Voltage Stabilizer / AVR for Power Quality in Input Under Voltage, Over Voltage, Sag, Swell, Surge and EMI.

Application



NEPTUNE RS 1000-5000VA

Microprocessor Stabilizer/AVR

CHUPHOTIC

บริษัท ชูฟอทิก จำกัด

Relay

FRONT PANEL

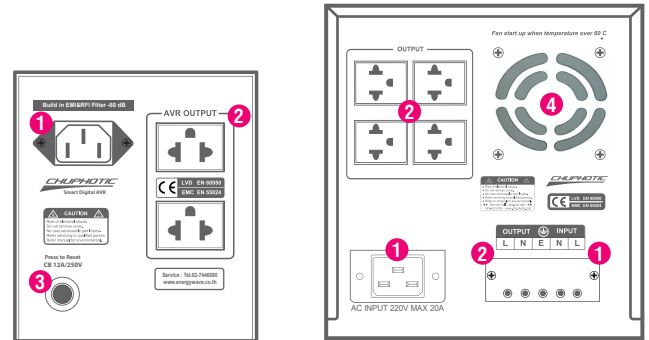
REAR PANEL



RS1000-RS2000

RS3000-RS5000

1. LED Segment Display
2. Delay Output switch
3. DMM Input/Output switch
4. Input Switch/Breaker



RS1000-RS2000

RS3000-RS5000

1. Input Inlet / Terminal (EMI)
2. Output Plug / Terminal
3. Input Circuit Breaker
4. DC Fan

SPECIFICATIONS

Model		RS1000	RS1500	RS2000	RS3000	RS5000
CAPACITY	VA/W (PF 0.8)	1000/800	1500/1200	2000/1600	3000/2400	5000/4000
TECHNOLOGY	System	Microprocessor Technology & AVR Relay Tap with Toroid Transformer (CRGO)				
INPUT	Input Voltage	Single Phase, 220Vac (140-260Vac) L-N+PE				
	Input Frequency	45-65Hz (50/60 Hz)				
OUTPUT	Output voltage	Single Phase, 220 Vac +/-8% or 10% (Selectable) L-N+PE				
	Output Frequency	45-65Hz (50/60 Hz)				
	Efficiency (%)	>98% Low Loss				
	Output Delay	Selectable Switch 6/180 ms Depend Load Application				
PROTECTION	Power Quality	PQ : Under Voltage, Over Voltage, Sag, Swell, Surge Transient & EMI				
	Over/Under Voltage	Automatic Cutoff				
	Overload/Short Circuit	Auto Reset Breaker			Circuit Breaker	
	High Temperature	-			Fan speed automatic on temp.	
	Noise Filter	EMI&RFI Filter Suppression -60 dB				
	Surge Energy (MOV)	SPD 300Vac / 165 J in 2 msec at I _{max} 6500A				
	Standard Surge SPD	Indoor : UL1449 Cat. A, B / IEC61643 LPZ3, 2 In 3kA at 8/20μsec				
CONNECTION	Inlet Power Cord	NEMA 5-15 P / IEC320-C13			NEMA 5-15 P / IEC320-C19 +Terminal	
	Outlet/Connection	2Pcs x National			4Pcs x National + Terminal	
INDICATOR	LED Display	Input Voltage, Output Voltage and Stabilizer Status				
STANDARD	Safety/EMC	CE : LVD IEC61558, IEC60950, EMC IEC55022				
	Manufacturer	QMS : ISO9001:2015, ISO14001:2015				
ENVIRONMENT	Temperature	0-45 °C				
	Humidity	RH 0-95%(Non-Condensing)				
	Attenuation	Less than 40 dB(at 1 mater)				
PHYSICAL	Dimension(WxDxH)mm	125x240x160	140x260x190		220x340x245	
	Weight(Kg)	5.8	6.6	6.6	16.4	16.4

All specification are subject to change without prior notice.

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