

NEPTUNE LT10-30kVA

3 Phase Servo Motor Stabilizer/AVR

FEATURE

- Advanced Digital Microprocessor Control
- Voltage Regulation 380Vac \pm 3%
- Servo Motor Regulation output control
- Input Voltage range 380Vac (240-460Vac)
- Output Over / Under Voltage Protection
- Short Circuit & Overload Protection
- Switch Delay Output Function 6/120ms
- EMI & RFI Noise Filter - 60dB
- Surge, Sag, Noise, Spike Protection 320J (IC=8kA)
- LED Digital Meter Input / Output Voltage
- ISO9001 & ISO14001 MFG Certified

APPLICATION

- Factory Automation Equipment : CNC and EDM
- Measuring & Test Instrument
- Telecommunication & Industry Robot machine
- Production & Process Control Equipment
- Medical & Scientific Equipment
- Photographic & Printing Equipment
- Radar & Navigation Equipment
- Sensitive Electronic Equipment
- Home & Office Automation Equipment
- Studio Equipment & Broadcast Equipment



Digital μ P



LED Display



Stabilizer / AVR



Industrial



Printing



Medical



Lab

SPECIFICATIONS

MODEL	3ϕ Servo Stabilizer	LT10K	LT15K	LT20K	LT30K
CAPACITY	Power PF0.8	10kVA/8kW	15kVA/12kW	20kVA/16kW	30kVA/24kW
TECHNOLOGY	System	μ P Microprocessor Hi-Precision Servo Motor Control			
INPUT	Input Voltage	380Vac (-35%, +20%) 3P-N+PE (240-460Vac)			
	Input Frequency	50/60 Hz \pm 10% (45-65Hz)			
OUTPUT	Output Voltage	380Vac \pm 3% 3P-N+PE			
	Output Frequency	50/60 Hz \pm 10% (Synchronize Input)			
	Wave Form	Sine Wave (Synchronize Input Wave Form)			
	Efficiency	>98%			
	Overload Capability	Load 125% for 10mins, 150% for 1min, >150% 10sec. then cutoff			
PROTECTION	Output Power Factor	PF 0.8			
	Over Voltage	Automatic Cut off 470Vac			
	Under Voltage	Automatic Cut off 230Vac			
	Short Circuit / Overload	MCB - Circuit Breaker			
	High Temperature	Temperature Detect and Smart Fan cooling control			
	Noise Filter	EMI and RFI suppression -60 dB			
	Transient & Surge clamp	MOV: 350joules 320Vac to std. UL1449 (8/20 microsec wave form) 8kA(8/20 microsec wave form) L-N			
INDICATOR	LED Display	AVR status Input, Power, Delay, Fault, Input voltage and Output voltage			
	Digital Meter	Switch select : Input and Output Voltage : L-N			
CONNECTION	Input/Output Outlet	Terminal Block TR60-60A		Terminal Block TR120-120A	
STANDARD CE	LVD Safety	EN61558-1, EN61558-2, EN60076-1			
	EMC	EN55022, EN55024, EN61000			
ENVIRONMENT	Temperature	0-50°C			
	Humidity %RH	0-95%(Non-condensing)			
PHYSICAL	Dimension(WxDxH)mm	450x410x850		500x460x850	
	Weight(Kgs)	45	50	70	85

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EN61558
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LVD EMC
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