

ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
- Leasing / Rentals / Demos
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Expert team | Trust guarantee | 100% satisfaction

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NES Series

60 to 240W Single Output DIN Rail Mount



- 2 Year Warranty
- Power factor Corrected
- UL508 Industrial Controls Approval
- VDE0160 input transient immunity
- Low profile

Key Market Segments & Applications

Factory Automation	Process Control, NC-Machining, Automotive, Packaging Equipment, Materials Handling, Chemical Processing, Robots
Test & Measurement	Burn-in & Test, Automated Test, Instrumentation, Measurement, Detection
Industrial Controls	Motor Control Systems

NES Features and Benefits

Feature	Benefit
UL508 Approvals	Easier end system certification
2 Year Warranty	Lower Cost of Ownership
Power Factor Corrected	Supports Global Use
EN61000-4 & VDE0160 Input Transient	Withstands surges in harsh environments
Low profile	Fits in shallow cabinets

Specifications

ITEMS / MODELS		NES60-24	NES120-24	NES240-24	NES240-28	NES240-48
Nominal Output Voltage	V	24	24	24	28	48
Output Current (Max)	A	2.5	5	10	8.6	5
Adjustment	-	±10% via front panel potentiometer				
Load Regulation	mV	<120mV				
Line Regulation	mV	<60mV (With 85 - 132VAC or 170 - 265VAC line change)				
Ripple & Noise	mV	< 150mV peak to peak				
AC Input Volt. Range & Freq.	-	85-265VAC, 47-63Hz				
Input Current @100/200VAC	A rms	1.2 / 0.6	1.6 / 0.8	3.2 / 1.6	3.2 / 1.6	3.2 / 1.6
Inrush Current (110/220VAC)	A	16 / 32	25 / 50	28 / 56	28 / 56	28 / 56
Efficiency @100VAC (full load)	%	>80				
Power Factor	-	NES120 and 240: Meets EN61000-3-2 Class A				
Overcurrent Protection	-	~110% (auto recovery)				
Overvoltage Protection	V	~115 - 135% manual reset				
Hold Up Time (Typ)	ms	20				
Signals & Indicators	-	LED				
Operating Temperature	ºC	0 to 60ºC, derate linearly to 80% load from 50 to 60ºC				
Storage Temperature	ºC	-40 to +85				
Humidity (non condensing)	%RH	30 - 90% operating, 10 - 95% non-operating				
Cooling	-	Convection				
Withstand Voltage	-	Input - Ground 2kVAC, Input - Output 3kVAC, Output - Ground 500VAC				
Vibration	-	10 - 55Hz (sweep 1 minute) Less than 2G X, Y, Z 1 hour each				
Shock	-	Less than 20G				
Safety Agency Approvals	-	UL508, UL1950, CSA950, EN60950, & CE Mark				
Input transient protection	-	VDE0160, EN61000-4-2, -3, -4, -5, -6, Criteria A				
Conducted & Radiated EMI	-	EN55022 Class B, FCC Class B, VCCI-2				
Weight	g	560	820	1150		
Size (WxHxD)	mm	See output line drawings				
Warranty	-	2 years				

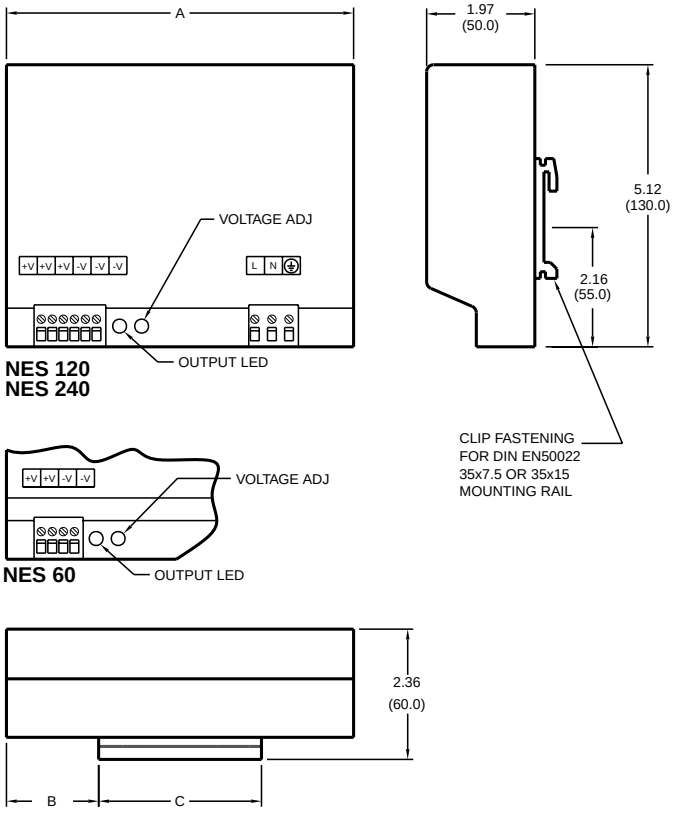
Notes: (Consult Installation Manual for detailed specifications, test methods and application notes)

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NES Series

NES Outline Drawing



NES Outline Dimensions

NES DIMENSIONS:

MODEL	A	B	C
NES 60	4.52 (115.0)	1.28 (32.5)	1.97 (50.0)
NES 120	6.29 (160.0)	1.67 (42.5)	2.95 (75.0)
NES 240	8.27 (210.0)	2.17 (55.0)	3.94 (100.0)

NES WEIGHT:

MODEL	LBS
NES 60	1.24
NES 120	1.81
NES 240	2.54

NOTE:
1. DIMENSIONS ARE IN INCHES EXCEPT DIMENSIONS ( ) ARE IN MM.

Other Lambda Industrial Products

RWS	15W & 30W Single output
JWS, JWS-P & JWT	50W to 600W Single and triple output
LZS	250W to 1500W Single output
DRP	60 to 960W DIN Rail Single Output

For Additional Information, please visit
www.lambdapower.com/products/nes-drp.htm

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