



Features

- Universal AC input / Full range (NES-100 AC input selectable by switch)
- Protections: Short circuit / OLP / OVP
- Cooling by free air convection
- Small size, high power density
- Low cost, high reliability
- 100% full load burn-in test
- 2 years warranty

General Specification (Please refer to www.meanwell.com for detail spec.)

CB / CE / BSMI / CCC pending

MODEL No.	NES-15	NES-25	NES-35 NED/T-35	NES-50 NED/T-50	NES-75 NED/T-75	NES-100
AC input voltage range	85~264VAC universal input (120 ~ 370VDC)					115/230VAC by switch
AC inrush current (max.)	Cold start, 40A at 230VAC					
DC adjustment range	±10% by potential meter for single output; CH1 -5~+10% by potential meter for multiple output					-5% ~ +10%
Over load protection	110%~150% hiccup mode, auto-recovery					
Over voltage protection	115%~135% rated output voltage, shut off					Hiccup mode
Withstand voltage	I/P - O/P: 3KVAC, I/P - FG: 1.5KVAC, O/P - FG: 0.5KVAC, 1 minute					
Working temperature	-20 ~ +60°C (refer to the derating curve for different models)					
Vibration	10~500Hz, 2G 10min/1 cycle, period for 60 min each along X, Y, Z axes					
Safety standards	Design refer to UL60950-1, TUV EN60950-1					
EMC standards	EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, ENV50204					
Connection	Terminal block for input and output					
Dimension (L*W*H)(mm)	79x51x28	99x82x35	99x97x36	129x98x38	159x97x38	159x97x38
Case No.	931	932	905	903	901	901
Packing	60pcs / 13kg	45pcs / 14.0kg	45pcs / 19.5kg	30pcs / 14.2kg	24pcs / 15.4kg	24pcs / 14.2kg

15W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11281	NES-15-5	5V, 0~3.0A	±2%	80mV	74%
11282	NES-15-12	12V, 0~1.3A	±1%	120mV	77%
11283	NES-15-15	15V, 0~1.0A	±1%	150mV	80%
11284	NES-15-24	24V, 0~0.7A	±1%	200mV	81%
11285	NES-15-48	48V, 0~0.35A	±1%	240mV	82%

50W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11311	NES-50-5	5V, 0~10A	±2%	80mV	79%
11312	NES-50-12	12V, 0~4.2A	±1%	120mV	82%
11313	NES-50-15	15V, 0~3.4A	±1%	150mV	83%
11314	NES-50-24	24V, 0~2.2A	±1%	200mV	86%
11315	NES-50-48	48V, 0~1.1A	±1%	240mV	87%

25W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11291	NES-25-5	5V, 0~5.0A	±2%	80mV	77%
11292	NES-25-12	12V, 0~2.1A	±1%	120mV	81%
11293	NES-25-15	15V, 0~1.7A	±1%	150mV	83%
11294	NES-25-24	24V, 0~1.1A	±1%	200mV	85%
11295	NES-25-48	48V, 0~0.57A	±1%	240mV	86%

75W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11321	NES-75-5	5V, 0~15A	±2%	80mV	77%
11322	NES-75-12	12V, 0~6.2A	±1%	120mV	82%
11323	NES-75-15	15V, 0~5.0A	±1%	150mV	83%
11324	NES-75-24	24V, 0~3.2A	±1%	200mV	86%
11325	NES-75-48	48V, 0~1.6A	±1%	240mV	87%

35W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11301	NES-35-5	5V, 0~7.0A	±2%	80mV	77%
11302	NES-35-12	12V, 0~3.0A	±1%	120mV	81%
11303	NES-35-15	15V, 0~2.4A	±1%	150mV	83%
11304	NES-35-24	24V, 0~1.5A	±1%	200mV	85%
11305	NES-35-48	48V, 0~0.8A	±1%	240mV	86%

100W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11331	NES-100-5	5V, 0~20A	±2%	80mV	80%
11332	NES-100-7.5	7.5V, 0~13.6A	±1%	120mV	81%
11333	NES-100-9	9V, 0~11.2A	±1%	120mV	81%
11334	NES-100-12	12V, 0~8.5A	±1%	120mV	82%
11335	NES-100-15	15V, 0~7.0A	±1%	120mV	84%
11336	NES-100-24	24V, 0~4.5A	±1%	120mV	85%
11337	NES-100-48	48V, 0~2.3A	±1%	150mV	86%

NE Series



35W — Dual Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
11341	NED-35A	5V, 0.5~5.0A	±2%	80mV	78%	32W
		12V, 0.1~1.5A	±6%	120mV		
11342	NED-35B	5V, 0.5~4.0A	±2%	80mV	81%	35W
		24V, 0.2~1.3A	±6%	200mV		

50W — Dual Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
11351	NED-50A	5V, 1.0~6.0A	±2%	80mV	79%	54W
		12V, 0.3~3.0A	±6%	120mV		
11352	NED-50B	5V, 1.0~6.0A	±2%	80mV	82%	54W
		24V, 0.2~2.0A	±6%	200mV		

75W — Dual Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
11361	NED-75A	5V, 1.0~8.0A	±2%	80mV	78%	71W
		12V, 0.3~4.0A	±6%	120mV		
11362	NED-75B	5V, 1.0~6.0A	±2%	80mV	81%	73W
		24V, 0.2~3.0A	±6%	200mV		

35W — Triple Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
11371	NET-35A	5V, 0.5~4.0A	±2%	80mV	78%	30W
		12V, 0.1~1.5A	±6%	120mV		
		-5V, 0.1~0.5A	±6%	120mV		
11372	NET-35B	5V, 0.5~4.0A	±2%	80mV	79%	33W
		12V, 0.1~1.5A	±6%	120mV		
		-12V, 0.1~0.5A	±6%	120mV		
11373	NET-35C	5V, 0.5~3.5A	±2%	80mV	79%	35W
		15V, 0.1~1.5A	±8%	150mV		
		-15V, 0.1~0.5A	±8%	150mV		
11374	NET-35D	5V, 0.5~3.5A	±2%	80mV	79%	37W
		24V, 0.1~1.0A	±8%	200mV		
		12V, 0.1~1.0A	±8%	120mV		

50W — Triple Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
11381	NET-50A	5V, 0.6~5.0A	±2%	80mV	76%	47W
		12V, 0.2~2.5A	±6%	120mV		
		-5V, 0.1~0.7A	±5%	120mV		
11382	NET-50B	5V, 0.6~5.0A	±2%	80mV	78%	50W
		12V, 0.2~2.5A	±6%	120mV		
		-12V, 0.1~0.7A	±5%	120mV		
11383	NET-50C	5V, 0.6~5.0A	±2%	80mV	78%	50W
		15V, 0.1~2.0A	±8%	150mV		
		-15V, 0.1~0.7A	±5%	150mV		
11384	NET-50D	5V, 0.6~5.0A	±2%	80mV	80%	51W
		24V, 0.1~1.5A	±8%	200mV		
		12V, 0.1~1.5A	±6%	120mV		

75W — Triple Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
11391	NET-75A	5V, 0.6~7.0A	±2%	80mV	77%	69W
		12V, 0.2~3.5A	±6%	120mV		
		-5V, 0.1~0.7A	±5%	120mV		
11392	NET-75B	5V, 0.6~7.0A	±2%	80mV	78%	72W
		12V, 0.2~3.5A	±6%	120mV		
		-12V, 0.1~0.7A	±5%	120mV		
11393	NET-75C	5V, 0.6~7.0A	±2%	80mV	78%	72W
		15V, 0.1~3.5A	±8%	150mV		
		-15V, 0.1~0.7A	±5%	150mV		
11394	NET-75D	5V, 0.6~6.0A	±2%	80mV	80%	73W
		24V, 0.1~2.0A	±8%	200mV		
		12V, 0.1~1.5A	±6%	120mV		