



Features

- Universal AC input / Full range (NES-100 / 150 AC input selectable by switch)
- Protections: Short circuit / OLP / OVP
- Built-in over temperature protection for NES-15
- Cooling by free air convection
- Small size, high power density
- Low cost, high reliability
- 100% full load burn-in test
- Most economical low wattage solution with safety certificates
- 2 years warranty

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



Model No.	NES-15	NES-25	NES-35 NED/T-35	NES-50 NED/T-50	NES-75 NED/T-75	NES-100	NES-150 NEW
AC input voltage range	85~264VAC universal input (120 ~ 370VDC)					115/230VAC by switch	
AC inrush current (max.)	Cold start, 45A at 230VAC						
DC adjustment range	±10% by potential meter for single output; CH1 -5~+10% by potential meter for multiple output					-5% ~ +10%	
Overload protection	110%~150% hiccup mode, auto-recovery						
Over voltage protection	115%~135% rated output voltage, shut off					115%~135% hiccup mode, auto-recovery	
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	UL60950-1 approved, also design refer to 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)	79x 51x 28	99x 82x 35	99x 97x 36	129x 98x 38	159x 97x 38	159x 97x 38	199x 98x 38
Case No.	931	932	905	903	901	901	902A
Packing	60pcs /13kg	45pcs / 14.5kg	45pcs / 17.2kg	45pcs / 19.5kg	30pcs / 16.6kg	30pcs / 17.5kg	30pcs / 22kg

15W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11281	NES-15-5	5V, 0~3.0A	±2%	150mV	79%
11282	NES-15-12	12V, 0~1.3A	±1%	150mV	81%
11283	NES-15-15	15V, 0~1.0A	±1%	150mV	81%
11284	NES-15-24	24V, 0~0.7A	±1%	200mV	85%
11285	NES-15-48	48V, 0~0.35A	±1%	240mV	82%

25W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11291	NES-25-5	5V, 0~5.0A	±2%	80mV	80%
11292	NES-25-12	12V, 0~2.1A	±1%	120mV	83%
11293	NES-25-15	15V, 0~1.7A	±1%	150mV	84%
11294	NES-25-24	24V, 0~1.1A	±1%	200mV	86%
11295	NES-25-48	48V, 0~0.57A	±1%	240mV	86%

35W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11301	NES-35-5	5V, 0~7.0A	±2%	80mV	78%
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%

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%

75W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11322	NES-75-5	5V, 0~14A	±2%	80mV	77%
11323	NES-75-12	12V, 0~6.2A	±1%	120mV	82%
11324	NES-75-15	15V, 0~5.0A	±1%	150mV	83%
11375	NES-75-24	24V, 0~3.2A	±1%	200mV	86%
11326	NES-75-48	48V, 0~1.6A	±1%	240mV	87%

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	83%
11335	NES-100-15	15V, 0~7.0A	±1%	120mV	84%
11336	NES-100-24	24V, 0~4.5A	±1%	120mV	86%
11337	NES-100-48	48V, 0~2.3A	±1%	150mV	86%

150W — Single Output



Stock No.	Model No.	Output	Tol.	R&N	Effi.
11411	NES-150-3.3	3.3V, 0~30A	±3%	80mV	73%
11412	NES-150-5	5V, 0~26A	±2%	80mV	78%
11413	NES-150-7.5	7.5V, 0~20A	±1%	120mV	80%
11414	NES-150-9	9V, 0~16.7A	±1%	120mV	83%
11415	NES-150-12	12V, 0~12.5A	±1%	120mV	83%
11416	NES-150-15	15V, 0~10A	±1%	120mV	83%
11417	NES-150-24	24V, 0~6.5A	±1%	120mV	86%
11418	NES-150-48	48V, 0~3.3A	±1%	200mV	86%