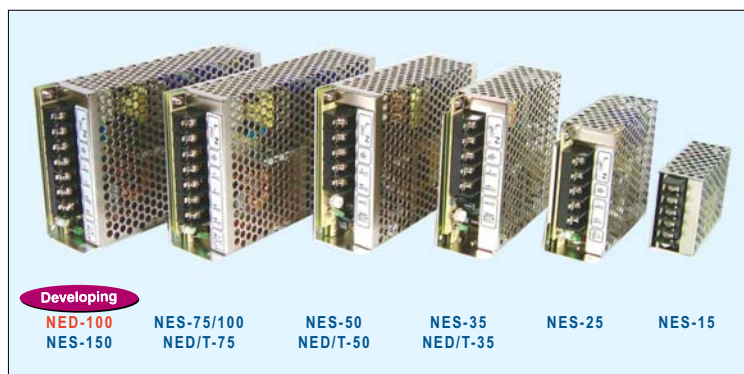


NE Series

15~150W Miniature 1~3 Output



Features

- Universal AC input / Full range (NES/D-100, NES-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	NED-100 NES-150
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% (NES-100/150) CH1 -5% ~ +10% (NED-100)	
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 (NED-100 pending)						
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	902
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	78%
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%

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		

100W — Dual Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
11711	NED-100C	12V, 0~8.0A	±2%	120mV	80%	99W
		5V, 0~3.0A	±3%	80mV		
11712	NED-100D	24V, 0~4.0A	±2%	120mV	83%	99W
		5V, 0~3.0A	±3%	80mV		

Developing

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	79%	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%	65W
		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		

List of RoHS Compliance Standard Product

Product Family	Series
G3	RS-15 / 25 / 35 / 50 / 75 / 100 / 150 RD-35 / 50 / 65 / 85 / 125 RID-50 / 65 / 85 / 125 RT-50 / 65 / 85 / 125 RQ-50 / 65 / 85 / 125
G2	S-25 / 40 / 60 / 100F / 150 / 240 T-40, D / ID / T / IT / Q / IQ-60 D / T / Q-120, SC-150
PFC	SP-75 / 100 / 150 / 200 / 320 / 480 SP-500 / 750, USP-225 / 350 / 500 TP-75 / 100 / 150 QP-100 / 150 / 200 / 320 / 375
AD	ADS-55 / 155, AD-55 / 155 ADD-55 / 155
CLG / PLN	CLG-60 / 100 / 150, PLN-30 / 60 / 100, ELN-30 / 60, LPH-18, LPV / LPC-20
DIN	MDR-10 / 20 / 40 / 60 / 100, DR-30 / 45 / 60 / 75 / 100 DR-120, DRH-120, DRP-240 / 480 / 480S DRT-240 / 480 / 960, SDR-240, DR-RDN20, DR-UPS40
Modular	MP-450 / 650 / 1K0 MS-75 / 150 / 300, MD-100
Parallel	PSP-500 / 600 / 1000 / 1500 RSP-1000 / 1500, RCP-1000 / 1U / MU SCN-600 / 800 / 1K2 / 1K5 / 2K0 SCP-600 / 800 / 1K2 / 2K4
Open Frame	NFM-05 / 10 / 15 / 20 PM-05 / 10 / 15 / 20, PS-05 / 15, PS / PD-25 PS-35, PS / PD / PT-45, PS / PD / PT-65 RPD / RPT-65, PD-110, PQ-100 PPQ-100, PPS / PPT-125 LPS-50 / 75 / 100, LPP-100 / 150 ASP-150, PPS-200, PID-250, MPS-30 MPS / MPD / MPT-45 RPS / RPD / RPT-60 MPS / MPD / MPT-65 RPS / RPD / RPT-75 MPS / MPD / MPT / MPQ-120 RPS / RPD / RPT-160 MPS / MPD / MPT / MPQ-200
Charger	PA / PB / PS-120, ESC / ESP-120 ESC / ESP-240, PB-300 / 360 / 1000, GC30
Adaptor	U65S / P25 / P30 / P40 / P50 / P66 MES30 / MES50 / GS06 / GS12 / GS15 GS18 / GS25 / ES18 / ES25, GS40 / 60 / 90 FM90C, AS-120P
PC Power	ATX-100, YP-350 / 400 / 450, IPC-200 / 250 / 300
DC/DC Converter	SRS / SUS / SBT / SFT / DET / SPR / SPU SCW / SLW / SKE / SKA / DCW / DLW DKE / DKA / TKA, PSD-05 / 15 SD-15 / 25 / 50 / 100 / 150 / 200 / 350 / 500 SD-1000, SDM30, NSD05 / 10 / 15
DC/AC Inverter	A301 / A302, TN-1500, TS-700 / 1000 / 1500 S150 / S300 / S600
AC Cord	YP** + YC**