

# NNS30 Specifications

NEMIC-LAMBDA

\*:For delivery, contact to our sales office.

IA501-01-01E

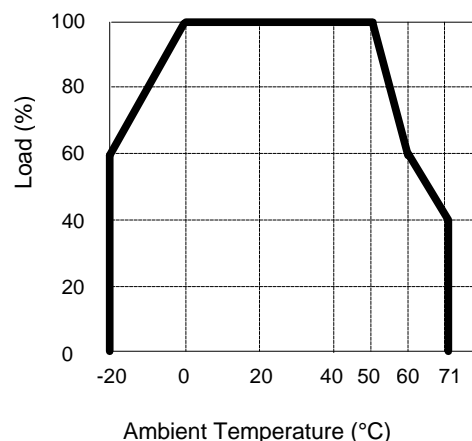
MODEL		NNS30	NNS30	NNS30	NNS30	NNS30	
ITEMS		-5	-12	-15	-24	-48	
1	Nominal Output Voltage	V	5	12	15	24	48
2	Maximum Output Current	A	6.0	4.0	3.4	2.3	1.1
3	Maximum Output Power	W	30.0	48.0	51.0	55.2	52.8
4	Efficiency (Typ) (*1)	%	35	45	46	50	54
5	Input Voltage Range (*2)	-	100: 85 ~ 115 VAC 115: 98 ~ 132 VAC 47 ~ 440Hz 200: 170 ~ 230 VAC 230: 195 ~ 265 VAC				
6	Input Current (Typ) (*1)	A	1.14	1.41	1.47	1.45	1.35
7	In-rush Current(Typ)	-	20A at 100VAC, 10A at 200VAC, COLD START				
8	Output Voltage Range	-	±10%				
9	Maximum Ripple & Nois (*3)	-	1mV RMS, 3mV p-p				
10	Maximum Line Regulation	mV	0.5	1.2	1.5	2.4	4.8
11	Maximum Load Regulation	mV	1.5	3.6	4.5	7.2	14.4
12	Over Current Protection (*4)	A	6.3 ~ 7.8	4.2 ~ 5.2	3.57 ~ 4.42	2.42 ~ 3.00	1.15 ~ 1.43
13	Over Voltage Protection (*6) Crowbar Type	V	6.0 ~ 7.2	14.5 ~ 17.2	18.1 ~ 21.5	29.0 ~ 34.3	58.1 ~ 68.6
14	Remote Programming	-	Volt/Volt, 1000Ω /Volt typ. +S to +LS Terminals				
15	Remote Sensing	-	Possible, Via +S, -S Terminals				
16	Remote ON/OFF Control	-	N.A.				
17	Parallel Operation	-	Possible, current sharing with single connection Via PC terminal				
18	Series Operation	-	Possible				
19	Operating Temperature	-	-20 ~ +71°C -20°C:60%, 0 ~ 50°C:100%, 60°C:60%, 71°C:40%				
20	Operating Humidity	°C	30 ~ 95%RH				
21	Storage Temperature	-	-40 ~ +85°C				
22	Storage Humidity	°C	10 ~ 95%RH				
23	Cooling	-	Convection Cooling				
24	Temperature Coefficient (*1)	-	0.02% / °C				
25	Withstand Voltage	-	Input - Output : 3.75KVAC for 1min. @20mA Input - Chassis : 2.5KVAC for 1min. @20mA				
26	Isolation Resistance	-	More than 100MΩ at DC 500V @25°C and 70%RH for 1min.				
27	Vibration	-	10 ~ 55Hz Amplitude (Sweep for 1min.) less than 2G X, Y, Z 1hour each				
28	Shock	-	Less than 20G				
29	Safety	UL1950	Approved by UL				
		CSA950	Approved by C-UL				
		EN60950	Approved by TUV				
30	Conducted Radio Noise	-	Designed to meet VDE0871-Class B, VCCI-Class A, FCC20780-Class B,				
31	Weight	g	2930				
32	Size (WxHxD) (*5)	mm	80 x 124 x 178				

\*Read instruction manual carefully, before using the power supply unit.

=NOTES=

- \*1. At 100VAC and maximum output power.
- \*2. For cases where conformance to various safety specs. ( UL, CSA, EN etc. ) are required, input voltage will be 250VAC max. And frequency range 47 ~ 63Hz.
- \*3. Floating output or grounded +V or -V Terminal.
- \*4. Foldback current limit with automatic recovery for each output.
- \*5. See Outline Drawings.
- \*6. For each output - OVP circuit will shut down output, manual reset. (Line recycle)

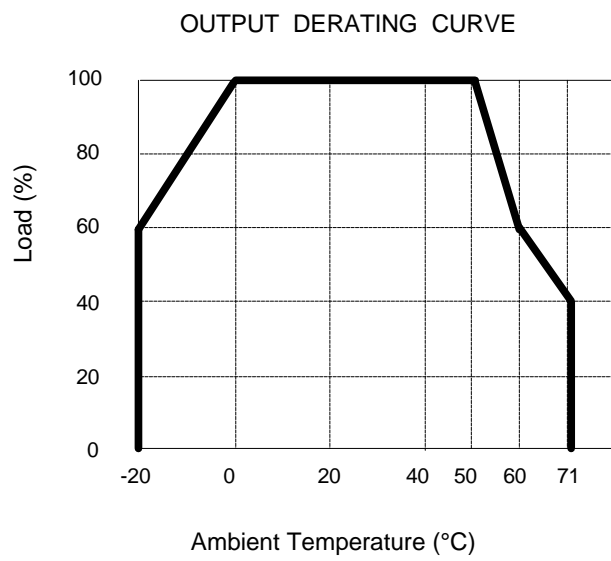
OUTPUT DERATING CURVE



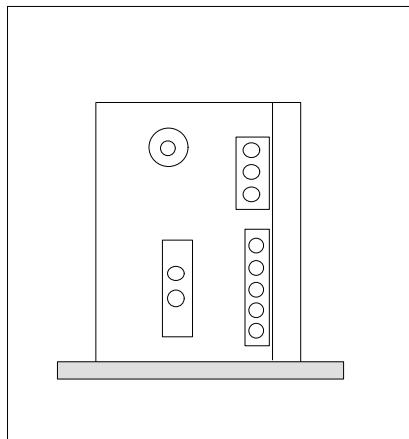
# NNS 30 OUTPUT DERATING

NEMIC-LAMBDA

Ta (°C)	LOAD (%)
	MOUNTING : A
-20	60
-10	80
0 ~ +50	100
60	60
71	40



MOUNTING : A  
(STANDARD MOUNTING)



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TDK-Lambda:](#)

[NNS3012](#) [NNS3015](#)