

NNS50 Specifications

NEMIC-LAMBDA

*:For delivery, contact to our sales office.

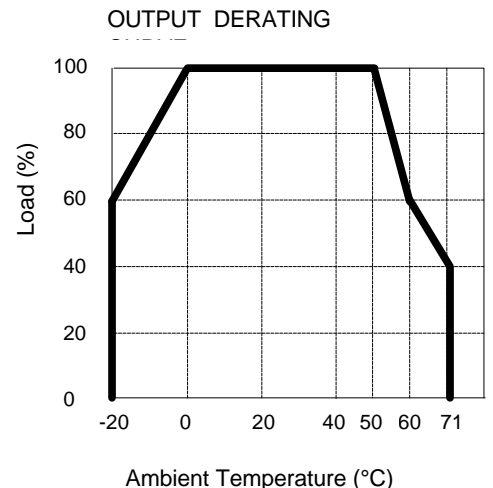
IA507-01-01A

ITEMS	MODEL	NNS50				
		-5	-12	-15	-24	
1	Nominal Output Voltage	V	5	12	15	24
2	Maximum Output Current	A	10.0	6.5	5.5	3.8
3	Maximum Output Power	W	50.0	78.0	82.5	91.2
4	Efficiency (Typ) (*1)	%	42	51	53	56
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	1.5	2.0	2.0	2.2
7	In-rush Current (Typ)	-	60A at 100VAC, 40A at 200VAC, COLD START			
8	Output Voltage Range	-	±10%			
9	Maximum Ripple & Noise (*3)	-	1mV RMS, 3mV p-p			
10	Maximum Line Regulation	mV	0.5	1.2	1.5	2.4
11	Maximum Load Regulation	mV	1.5	3.6	4.5	7.2
12	Over Current Protection (*4)	A	10.5 ~ 13.0	6.8 ~ 8.45	5.8 ~ 7.15	4.0 ~ 4.94
13	Over Voltage Protection (*6) Crowbar Type	V	6.0 ~ 7.2	14.5 ~ 17.2	18.1 ~ 21.5	29.0 ~ 34.3
14	Remote Programming	-	Volt/Volt, 1000Ω /Volt typ. +PR to -V Terminals			
15	Remote Sensing	-	Possible, Via +S, -S Terminals			
16	Remote ON/OFF Control	-	Possible			
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	-	30 ~ 95%RH			
21	Storage Temperature	-	-40 ~ +85°C			
22	Storage Humidity	-	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	4200			
32	Size (WxHxD) (*5)	mm	97 x 113 x 200			

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

=NOTES=

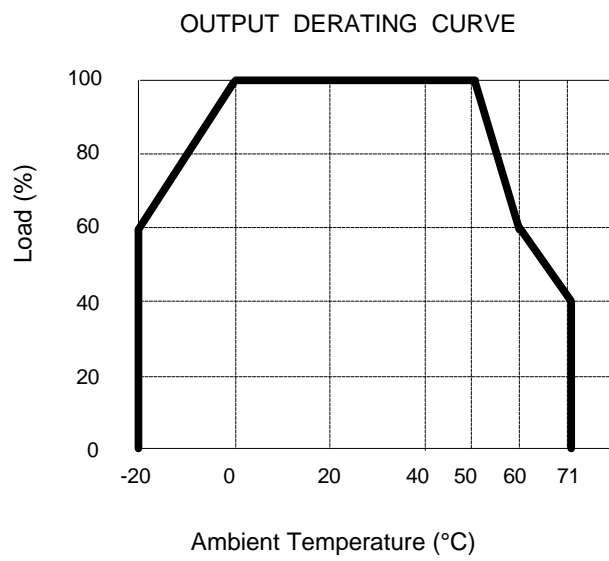
- *1. At 100VAC and maximum output power.
- *2. For cases where conformance to various safety specs. (UL, CSA, EN etc.) are required, input voltage will be 250VAC max. And frequency range 47-63Hz.
- *3. Floating output or grounded +V or -V Terminal.
- *4. Foldback current limit with automatic recovery.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



NNS 50 OUTPUT DERATING

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



MOUNTING : A
(STANDARD MOUNTING)

