

EWS300P Specifications

NEMIC-LAMBDA

*:For delivery, contact to our sales office.

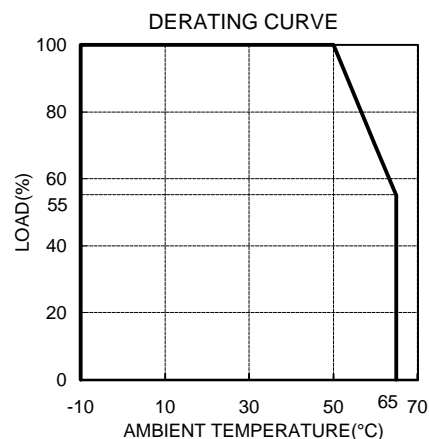
IA523-01-01F

MODEL		EWS300P	EWS300P	EWS300P	EWS300P	EWS300P	EWS300P	EWS300P	EWS300P	EWS300P
ITEMS		-2	-3	-5	-12	-15	-24	-28	-48	
1	Nominal Output Voltage	V	2	3.3	5	12	15	24	28	48
2	Maximum Output Current	A	60	60	60	27	22	14	12	7
3	Maximum Output Power	W	120	198	300	324	330	336	336	336
4	Efficiency (Typ)	(*) %	58 / 61	66 / 70	71 / 75	77 / 81	77 / 81	78 / 82	78 / 82	79 / 83
5	Input Voltage Range	(*) -	85 ~ 265VAC (47 ~ 63Hz) PFHC Range : 85 ~ 255VAC							
6	Input Current (Typ)	(*) A	100V:2.4A 200V:1.2A	100V:3.2A 200V:1.6A	100VAC : 4.6A 200VAC : 2.3A					
7	Power Factor (min)	(*) -	0.95							
8	Inrush Current(Typ)	(*) A	15A at 100VAC / 30A at 200VAC							
9	Output Voltage Range (Typ)	%	-10 ~ +20%		±20%					
10	Maximum Ripple & Noise	0 ~ +65°C	mV 100			200				400
		-10 ~ 0°C	mV 140			200				400
11	Maximum Line Regulation	(*)4 mV	10	10	10	24	30	48	56	96
12	Maximum Load Regulation	(*)5 mV	20	20	20	48	60	96	112	192
13	Over Current Protection	(*)6 A	63.0 ~ 78.0			28.4~35.1	23.1~28.6	14.7~18.2	12.6~15.6	7.3~9.1
14	Over Voltage Protection	(*)7 V	2.8 ~ 3.6	4.6 ~ 5.6	6.3 ~ 7.3	15.0~17.4	18.8~21.8	30.0~34.8	35.0~40.6	60.0~69.6
15	Hold-up Time (Typ)	(*)8 -	20ms							
16	Remote Sensing	-	Possible (Refer to Instruction manual)							
17	Remote ON/OFF Control	-	Possible (Refer to Instruction manual)							
18	Parallel Operation	-	Possible (Refer to Instruction manual)							
19	Series Operation	-	Possible (Refer to Instruction manual)							
20	Operating Temperature	-	-10 ~ +65°C (Refer to derating curve)							
21	Operating Humidity	-	30 ~ 90%RH (No dewdrop)							
22	Storage Temperature	-	-30 ~ +85°C							
23	Storage Humidity	-	10 ~ 95%RH (No dewdrop)							
24	Cooling	-	Forced air by blower fan (Blower fan is mounted within unit)							
25	Temperature Coefficient (Typ)	-	Less than 1% at -10 ~ +65°C							
26	Withstand Voltage	(*)9 -	Input - Chassis : 2.0kVAC 1min, Input - Output : 3.0kVAC 1min. Output - Chassis : 500VAC 1min							
27	Isolation Resistance	-	More than 100MΩ at 25°C and 70%RH Output - Chassis : 500VDC							
28	Vibration	-	At no operating, 10 ~ 55Hz Amplitude (Sweep for 1min.) 2G constant X, Y, Z 1hour each							
29	Shock	-	Less than 20G							
30	Monitoring Signal	-	PF (Open Collector Output)							
31	Safety Standard	UL1950	- Approved by UL							
		CSA950	- Approved by C-UL							
		EN60950	- Approved by TUV							
		DENTORI	- Built to meet (Rated input voltage : 100VAC)							
32	Conducted Emission	-	Built to meet EN55011-B, EN55022-B, FCC-ClassB, VCCI-ClassB.							
33	Weight	kg	2.2							
34	Size (WxHxD)	mm	120 x 92 x 190 (Refer to Outline Drawing)							

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

=NOTES=

- *1. At 100V/200VAC and maximum output power.
- *2. For cases where conformance to various safety specs (UL, CSA, etc.) are required, to be described as 100 - 240VAC (50/60Hz) on name plate.
- *3. First In-rush current. When resuming operation in less than 10 sec. after power failure at no load, softstart circuit will not limit the in -rush current at turn-on.
- *4. From 85 ~ 132VAC or 170 ~ 265VAC, constant load.
- *5. From No load ~ Full load, constant input voltage.
- *6. Current limiting with automatic recovery.
Power supply will shut down if overload condition is maintained for more than 20 seconds.
- *7. Inverter shut-down method, manual reset. (OVP circuit will shut-down output)
- *8. At 100V/200VAC, Nominal output voltage and maximum output current.
- *9. Leakage current range used : Input - Chassis greater than 20mA
Input - Output greater than 20mA
Output - Chassis greater than 100mA

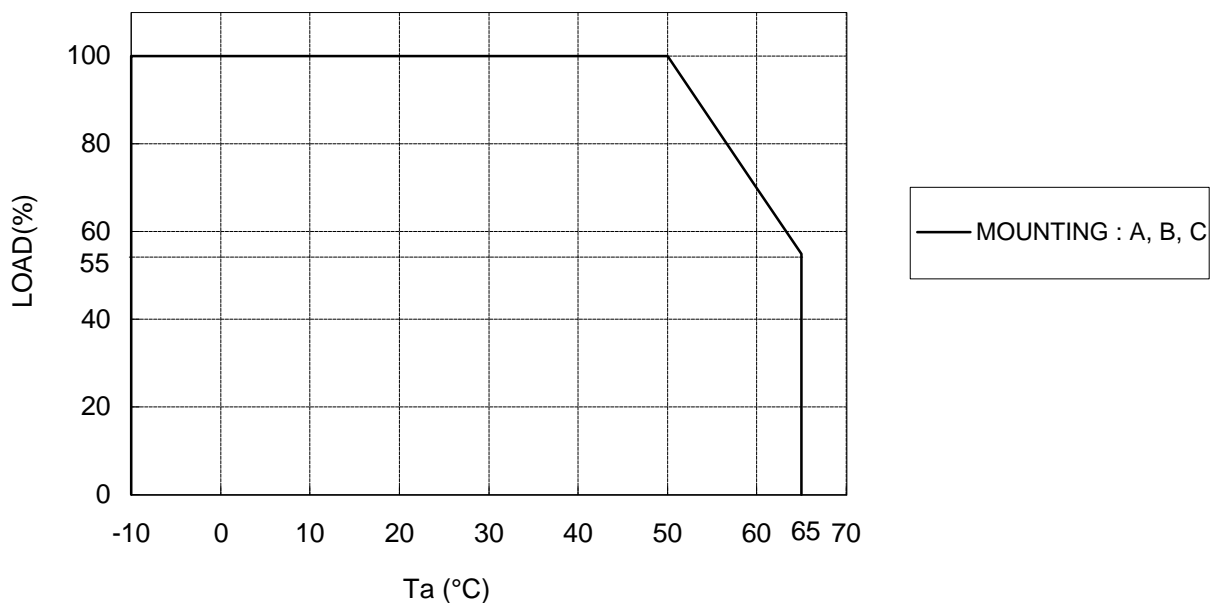


EWS 300P OUTPUT DERATING

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Ta (°C)	LOAD (%)		
	MOUNTING : A	MOUNTING : B	MOUNTING : C
-10	100	100	100
0 ~ +10	100	100	100
20	100	100	100
30	100	100	100
40	100	100	100
50	100	100	100
60	70	70	70
65	55	55	55

OUTPUT DERATING CURVE



MOUNTING : A

(STANDARD MOUNTING)

MOUNTING : B

MOUNTING : C

