

EWS600P Specifications

NEMIC~ LAMBDA

*:For delivery, contact to our sales office.

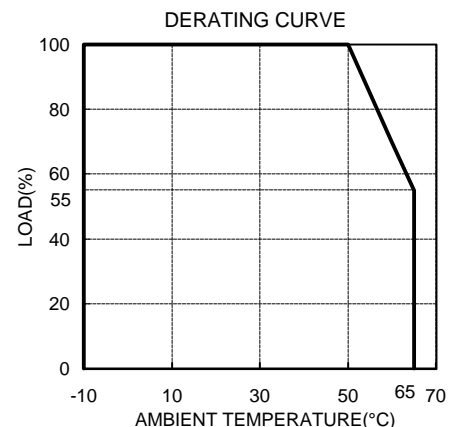
IA524-01-01F

MODEL		EWS600P	EWS600P	EWS600P	EWS600P	EWS600P	EWS600P	EWS600P	EWS600P	EWS600P	
ITEMS		- 2	- 3	- 5	- 12	- 15	- 18	- 24	- 28	- 48	
1	Nominal Output Voltage	V	2	3.3	5	12	15	18	24	28	48
2	Maximum Output Current	A	120	120	120	53	43	35	27	23	13
3	Maximum Output Power	W	240	396	600	636	645	630	648	644	624
4	Efficiency (Typ) (*1)	%	58 / 61	68 / 70	74 / 77	80 / 83	79 / 82	80 / 83	81 / 84	81 / 84	81 / 84
5	Input Voltage Range (*2)	-	85 ~ 265VAC (47 ~ 63Hz) PFHC Range : 85 ~ 255VAC								
6	Input Current (Typ) (*1)	A	100V:4.4A 200V:2.1A	100V:6.2A 200V:3.0A	100VAC : 8.6A 200VAC : 4.2A						
7	Power Factor (min) (*1)	-	0.95								
8	Inrush Current (Typ) (*3)	A	20A at 100VAC / 40A at 200VAC								
9	Output Voltage Range (*2)	%	-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	36	48	56	96
12	Maximum Load Regulation (*5)	mV	20	20	20	48	60	72	96	112	192
13	Over Current Protection (*6)	A	126 ~ 156	126 ~ 156	126 ~ 156	55.6 ~ 68.9	45.1 ~ 55.9	36.8 ~ 45.5	28.3 ~ 35.1	24.1 ~ 29.8	13.7 ~ 16.3
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	22.5 ~ 26.1	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	3.7								
34	Size (W x H x D)	mm	190 x 92 x 200 (Refer to Outline Drawing)								

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

=NOTES=

- At 100V/200VAC and maximum output power.
- For cases where conformance to various safety specs (UL, CSA, etc.) are required, to be described as 100 - 240VAC (50/60Hz) on name plate.
- 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.
- From 85 ~ 132VAC or 170 ~ 265VAC, constant load.
- From No load ~ Full load, constant input voltage.
- Current limiting with automatic recovery. Power supply will shut down if overload condition is maintained for more than 20 seconds.
- Inverter shutdown method, manual reset. (OVP circuit will shutdown output)
- At 100V/200VAC, nominal output voltage and maximum output current.
- Leakage current range used : Input - Chassis greater than 20mA
Input - Output greater than 20mA
Output - Chassis greater than 100mA

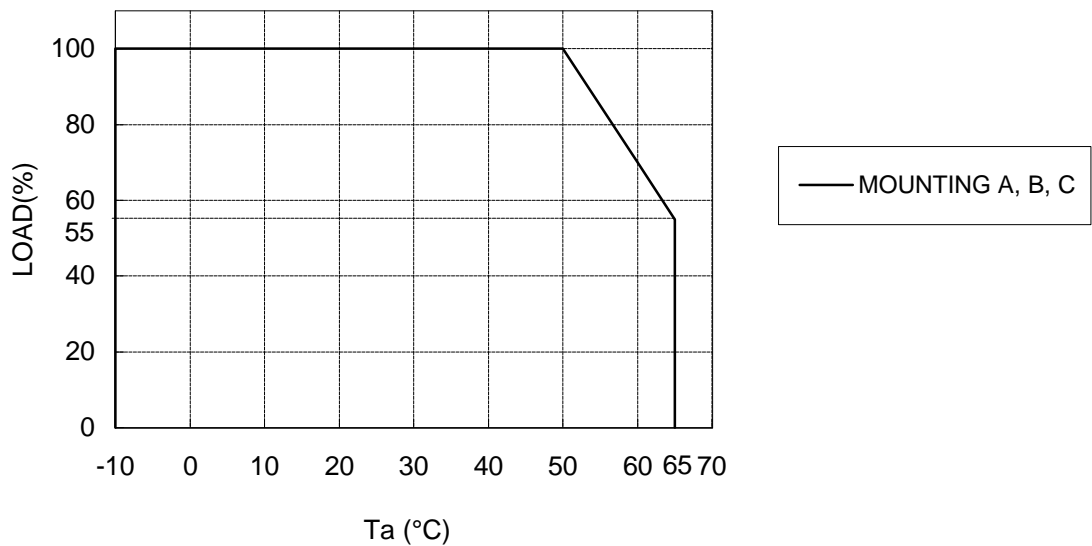


EWS 600P OUTPUT DERATING

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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

