

# EWS25 SPECIFICATIONS

DENSEI-LAMBDA

PA706-01-01D

MODEL		EWS25-5	EWS25-6	EWS25-9	EWS25-12	EWS25-15	EWS25-18	EWS25-24	EWS25-28	EWS25-48	
1	Nominal Output Voltage	V	5	6	9	12	15	18	24	28	48
2	Maximum Output Current	A	5.0	4.2	2.8	2.2	1.8	1.5	1.2	1.0	0.6
3	Maximum Output Power	W	25	25.2	25.2	26.4	27	27	28.8	28	28.8
4	Efficiency (Typ) (*1)	%	74	74	74	75	75	76	77	78	80
5	Input Voltage Range (*2)	-	85 ~ 265VAC (47 ~ 440Hz) OR 110 ~ 330VDC AC Input Voltage and Freq. Range shown on Panel Label : 85 ~ 250VAC (47 ~ 63Hz)								
6	Input Current (Typ) (*6)	-	0.6A / 0.3A								
7	In-rush Current (Typ) (*8)	-	4.5A at 100VAC. 9A at 200VAC								
8	Output Voltage Range (Typ)	-	±10%								
9	Maximum Ripple & Noise (*11)	mV	120	120	150	150	150	150	200	200	250
10	Maximum Line Regulation (*3)	mV	20	24	36	48	60	72	96	112	192
11	Maximum Load Regulation (*4)	mV	40	50	70	100	120	140	150	160	380
12	Over Current Protection (*5)	A	5.25 ~	4.41 ~	2.94 ~	2.31 ~	1.89 ~	1.58 ~	1.26 ~	1.05 ~	0.63 ~
13	Over Voltage Protection (*7)	VAC	5.75 ~ 6.75	6.90 ~ 8.10	10.4 ~ 12.2	13.8 ~ 16.2	17.3 ~ 20.3	20.7 ~ 24.3	27.6 ~ 32.4	32.2 ~ 37.8	55.2 ~ 64.8
14	Hold-up Time (*6)	-	More than 16mS / 10C:mS								
15	Remote Sensing	-	-								
16	Remote ON/OFF Control	-	-								
17	Parallel Operation	-	-								
18	Series Operation	-	Possible								
19	Operating Temperature	-	-10°C ~ 60°C -10°C...70%, 0°C ~ 50°C...100%, 60°C...50%								
20	Operating Humidity	-	30% ~ 90% RH								
21	Storage Temperature	-	-30°C ~ 85°C								
22	Storage Humidity	-	10% ~ 95% RH								
23	Cooling	-	Convection Cooling								
24	Temperature Coefficient (Typ)	-	0 ~ 60°C...1%, -10°C ~ 60°C...1.5%								
25	Withstand Voltage (*9)	-	Input-Output... 3.75KV, Input-Chassis...2.5KV for 1 min. @ 20mA								
26	Isolation Resistance (*10)	-	More than 100MΩ at DC 500V at 25°C and 70% RH for 1 min.								
27	Vibration	-	2g								
28	Shock	-	20g								
29	Weight	-	350gm								
30	Size (W.H.D)	-	35mm X 97mm X 115mm ( Refer to Outline Dwg )								

**NOTES :**

- \*1 : At 100VAC and Maximum Output Power.
- \*2 : For cases where conformance to various safety specs (UL, CSA, VDE, etc. ) are required, Input Voltage and Frequency Range will be 85 ~ 250VAC, 47 ~ 63Hz.
- \*3 : From 85 ~ 265VAC or 110 ~ 330VDC.
- \*4 : From No load to Maximum load, Constant Input Voltage.
- \*5 : Foldback current limiting with automatic recovery.
- \*6 : At 100VAC /200VAC, 25W Output Power.
- \*7 : Inverter shut-down method, manual reset.
- \*8 : When resuming operation in less than 15sec. After power failure at no load, softstart circuit will not limit the in-rush current at turn-on.
- \*9 : 3.75KVAC --- Input - Output with FG - ACG connected.  
2.5 KVAC --- Input - Chassis with FG - ACG connected.
- \*10 : Output - Chassis.
- \*11 : JEITA RC-9131 probe and 100MHz bandwidth oscilloscope.

**EWS25-36 SPECIFICATIONS**

**DENSEI-LAMBDA**

PA706-01-02A

ITEMS		MODIFI.	EWS25-36
1	Nominal Output Voltage	V	36
2	Maximum Output Current	A	0.7
3	Maximum Output Power	W	25.2
4	Efficiency (Typ) (*1)	-	79%
5	Input Voltage Range (*2)	-	85 ~ 265VAC (47 ~ 440Hz) OR 110 ~ 330VDC AC Input Voltage and freq. Range shown on Panel Label : 85 ~ 250VAC (47 ~ 63Hz)
6	Input Current (Typ) (*6)	-	0.6A / 0.3A
7	In-rush Current (Typ) (*8)	-	4.5A AT 100VAC, 9A AT 200VAC
8	Output Voltage Range (Typ)	-	±10%
9	Maximum Ripple & Noise (*11)	-	200mV
10	Maximum Line Regulation (*3)	-	120mV
11	Maximum Load Regulation (*4)	-	200mV
12	Over Current Protection (*5)	-	0.735A ~
13	Over Voltage Protection (*7)	-	41.4V ~ 48.6V
14	Hold-up Time (*6)	-	More than 16mS / 100mS
15	Remote Sensing	-	-
16	Remote ON/OFF Control	-	-
17	Parallel Operation	-	-
18	Series Operation	-	Possible
19	Operating Temperature	-	-10°C ~ 60°C, -10°C... 70%, 0°C ~ 50°C... 100%, 60°C... 50%
20	Operating Humidity	-	30% ~ 90% RH
21	Storage Temperature	-	-30°C ~ 85°C
22	Storage Humidity	-	10% ~ 95% RH
23	Cooling	-	Convection Cooling
24	Temperature Coefficient (Typ)	-	0°C ~ 60°C... 1%, -10°C ~ 60°C... 1.5%
25	Withstand Voltage (*9)	-	Input-Output... 3.75KV, Input-Chassis... 2.5KV for 1 min. @ 20mA
26	Isolation Resistance (*10)	-	More than 100MΩ at DC 500V at 25°C and 70% RH for 1 min.
27	Vibration	-	2g
28	Shock	-	20g
29	Weight	-	350gm
30	Size (W.H.D)	-	35mm X 97mm X 115mm ( Refer to Outline Dwg )

**NOTES :**

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