

EWS15 SPECIFICATIONS

PA710-01-01D

MODEL		EWS15-5	EWS15-6	EWS15-9	EWS15-12	EWS15-15	EWS15-18	EWS15-24	EWS15-28	EWS15-48	
ITEMS											
1	Nominal Output Voltage	VAC	5	6	9	12	15	18	24	28	48
2	Maximum Output Current	A	3.0	2.5	1.7	1.4	1.1	0.9	0.7	0.6	0.35
3	Maximum Output Power	W	15	15	15.3	16.8	16.5	16.2	16.8	16.8	16.8
4	Efficiency (Typ)	(*1) %	70	70	72	74	74	75	76	76	78
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) -	0.4A / 0.2A								
7	In-rush Current (Typ)	(*8) -	14A at 100VAC, 28A 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	150	380
12	Over Current Protection	(*5) A	3.15 ~	2.63 ~	1.79 ~	1.47 ~	1.16 ~	0.95 ~	0.74 ~	0.63 ~	0.37 ~
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 / 100ms								
15	Remote Sensing	-	-								
16	Remote ON/OFF Control	-	-								
17	Parallel Operation	-	-								
18	Series Operation	-	NOT POSSIBLE				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	-	270gm								
30	Size (W.H.D)	-	35mm X 97mm X 90mm (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, 15W Output Power.
- *7 : Inverter shut-down method, manual reset.
- *8 : Typical value at cold start Ta = 25°C.
- *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.