

JWS 75

SPECIFICATIONS

A158-01-01B

ITEMS		MODEL	JWS75 -3	JWS75 -5	JWS75 -12	JWS75 -15	JWS75 -24	JWS75 -48	
1	Nominal Output Voltage	V	3.3	5	12	15	24	48	
2	Maximum Output Current	A	15	15	6.3	5	3.2	1.6	
3	Maximum Output Power	W	49.5	75	75.6	75	76.8	76.8	
4	Efficiency (Typ) (*1)	%	67	74	76	77	79	79	
5	Input Voltage Range (*2)	-	85 - 265VAC (47 - 63Hz) or 120 - 330VDC						
6	Input Current (100/200VAC)(Typ) (*1)	A	0.8/0.4	1.2 /0.6					
7	Inrush Current(Typ)	-	14A at 100VAC, 28A at 200VAC, Ta=25°C, Cold Start						
8	PFHC	-	Designed to meet EN61000-3-2						
9	Power Factor (100/200VAC)(Typ) (*1)	-	0.99/0.95						
10	Output Voltage Range	V	2.85-3.63	4.5-5.5	10.8-13.2	13.5-16.5	21.6-26.4	43.2-52.8	
11	Maximum Ripple & Noise (*3)	0 - +60°C	mV	120	120	150	150	150	200
		-10 - 0°C	mV	160	160	180	180	180	240
12	Maximum Line Regulation (*4)	mV	20	20	48	60	96	192	
13	Maximum Load Regulation (*5)	mV	40	40	96	120	150	240	
14	Temperature Coefficient	-	Less than 0.02%/°C						
15	Over Current Protection (*6)	A	15.75 -	15.75 -	6.61 -	5.25 -	3.36 -	1.68 -	
16	Over Voltage Protection (*7)	V	3.79-4.95	5.75-6.75	13.8-16.2	17.3-20.3	27.6-32.4	55.2-64.8	
17	Hold-up Time (Typ) (*8)	-	20ms						
18	Leakage Current (*9)	-	0.75mA MAX, 0.2mA(Typ) at 100VAC / 0.44mA(Typ) at 230VAC						
19	Remote Sensing	-	-						
20	Parallel Operation	-	-						
21	Series Operation	-	Possible						
22	Operating Temperature (*10)	-	-10 - +60°C (-10 - +50°C:100%, +60°C:60%)						
23	Operating Humidity	-	30 - 90%RH (No dewdrop)						
24	Storage Temperature	-	-30 - +85°C						
25	Storage Humidity	-	10 - 95%RH (No dewdrop)						
26	Cooling	-	Convection Cooling						
27	Withstand Voltage	-	Input - FG : 2kVAC (20mA), Input - Output : 3kVAC (20mA) Output - FG : 500VAC (100mA) for 1min						
28	Isolation Resistance	-	More than 100MΩ at 25°C and 70%RH Output - FG ... 500VDC						
29	Vibration	-	At no operating, 10 - 55Hz (Sweep for 1min) 19.6m/s ² Constant, X,Y,Z 1h each.						
30	Shock (In package)	-	Less than 196.1m/s ²						
31	Safety (*11)	-	Approved by UL60950-1, CSA C22.2 No.60950 & EN60950-1 Designed to meet DENAN						
32	Conducted Emission	-	Designed to meet EN55011/EN55022-B, FCC-ClassB, VCCI-B.						
33	Radiated Emission	-	Designed to meet EN55011/EN55022-B, FCC-ClassB, VCCI-B.						
34	Weight(Typ.)	-	450g						
35	Size (W x H x D)	mm	42 x 92 x 175 (Refer to Outline Drawing)						

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

=NOTES=

- *1. At 100/200VAC, Ta=25°C and maximum output power.
- *2. For cases where conformance to various safety specs (UL, CSA, EN) are required, input voltage range will be 100 - 240VAC(50/60Hz).
- *3. Measure with JEITA RC-9131 probe, Bandwise of scope :100MHz.
- *4. 85 - 265VAC , constant load.
- *5. No load-Full load, constant input voltage.
- *6. Constant current limit with automatic recovery.
- *7. OVP circuit will shut down output, manual reset (Line recycle).
- *8. At 100/200VAC nominal output voltage and maximum output current.
- *9. Measured by the each measuring method of UL,CSA,EN and DENAN(at 60Hz).
- *10. Ratings - Derating at standard mounting.
 - Load (%) is percent of maximum output power or maximum output current, whichever is greater.
 - As for other mountings, refer to derating curve (A158-01-02_).
- *11. As for DENAN, designed to meet at 100VAC.

JWS 75 OUTPUT DERATING

NEMIC-LAMBDA

A158-01-02

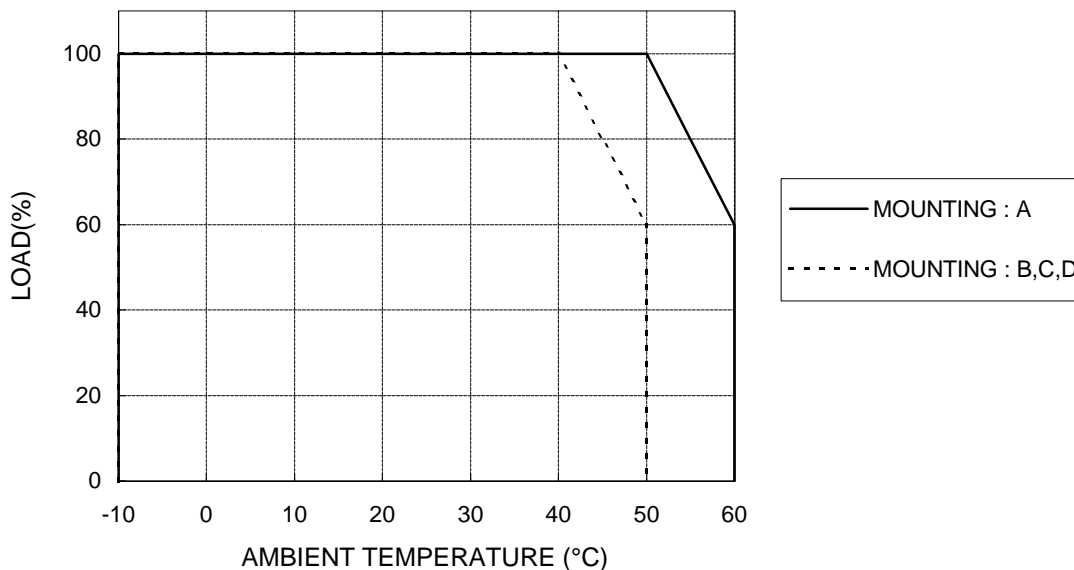
OPEN FLAME (NO COVER)

Ta (°C)	LOAD (%)			
	MOUNTING			
	A	B	C	D
-10 ~ +40	100	100	100	100
45	100	80	80	80
50	100	60	60	60
55	80	-	-	-
60	60	-	-	-

WITH COVER (OPTION)

Ta (°C)	LOAD (%)			
	MOUNTING			
	A	B	C	D
-10 ~ +30	100	100	100	100
35	100	80	80	80
40	100	60	60	60
45	80	-	-	-
50	60	-	-	-
55	-	-	-	-

OUTPUT DERATING CURVE
(OPEN FLAME : NO COVER)



MOUNTING : A

MOUNTING : B

MOUNTING : C

MOUNTING : D

DON'T USE

(STANDARD MOUNTING)

