

SPECIFICATIONS

A158-01-01/A-A

MODEL			JWS75 -3/A	JWS75 -5/A	JWS75 -12/A	JWS75 -15/A	JWS75 -24/A	JWS75 -48/A	
ITEMS									
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		-	Built 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	0 ~ +50°C	mV	120	120	150	150	150	200
		(*3) -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 ~+50°C (-10 ~+40°C:100%, +50°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 UL1950, CSA950, EN60950,VDE0160. Built to meet DENTORI					
32	Conducted Emission		-	Built to meet EN55011/EN55022-B, FCC-ClassB, VCCI-B.					
33	Radiated Emission		-	Built to meet EN55011/EN55022-B, FCC-ClassB, VCCI-B.					
34	Weight(Typ)		g	500					
35	Size (W.H.D)		mm	42 x 92 x 175 (Refer to Outline Drawing)					

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

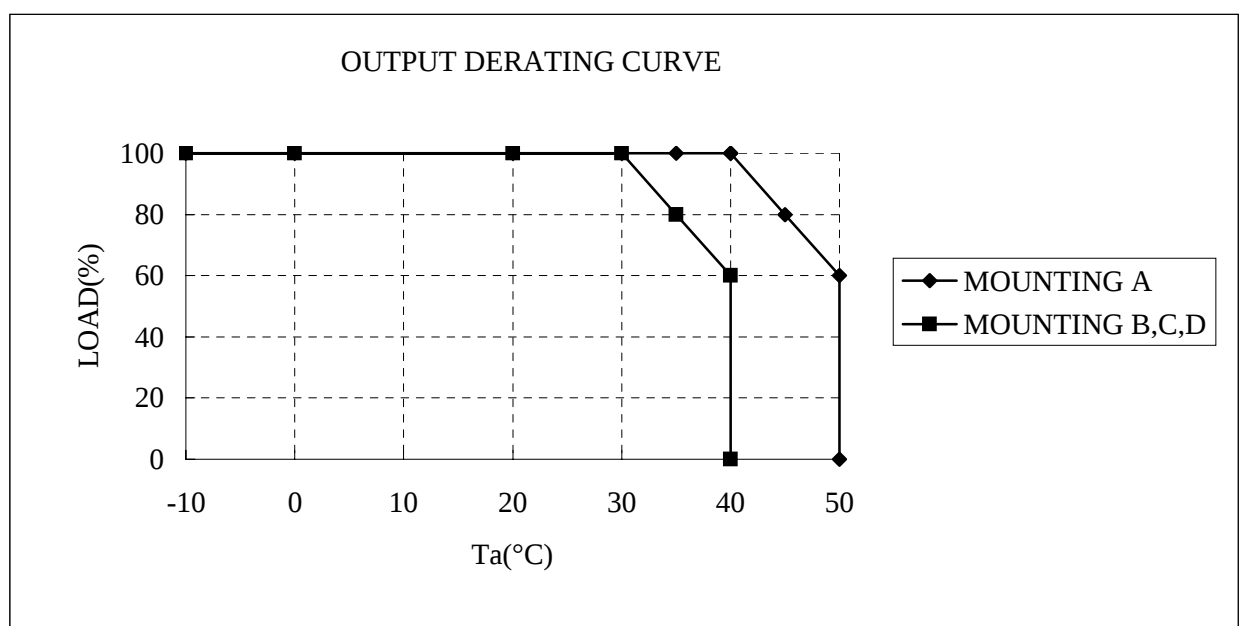
=NOTES=

- *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 EIAJ 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 DENTORI(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/A_).
- *11. As for DENTORI, built to meet at 100VAC.

OUTPUT DERATING

A158-01-02/A

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



MOUNTING A
(STANDARD MOUNTING)

MOUNTING B

MOUNTING C

MOUNTING D

DON'T USE

