

RWS 15A Specifications

NEMIC-LAMBDA

*:For delivery, contact to our sales office.

PA760-01-01C

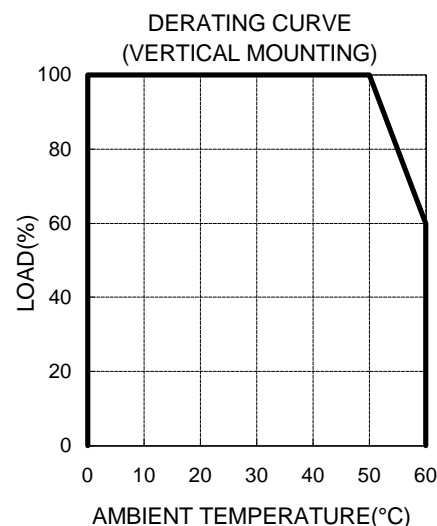
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ITEMS		MODEL	RWS15A -5	RWS15A -12	RWS15A -15	RWS15A -24	RWS15A -48
1	Nominal Output Voltage	V	5	12	15	24	48
2	Maximum Output Current	A	3.0	1.3	1.0	0.7	0.3
3	Maximum Output Power	W	15.0	15.6	15.0	16.8	14.4
4	Efficiency (Typ) (*1)	%	71	75	77	78	78
5	Input Voltage Range (*2)	-	85 ~ 265VAC (47 ~ 440Hz) or 110 ~ 330VDC				
6	Input Current (Typ) (*3)	-	0.35A at 100VAC or 0.2A at 200VAC				
7	Inrush Current(Typ) (*4)	-	20A at 100VAC or 40A at 200VAC				
8	Output Voltage Range	-	±10%				
9	Maximum Ripple & Noise	mV	120	150	150	200	300
10	Maximum Line Regulation (*5)	mV	20	48	60	96	192
11	Maximum Load Regulation (*6)	mV	40	100	120	150	250
12	Over Current Protection (*7)	A	3.15 ~	1.36 ~	1.05 ~	0.73 ~	0.31 ~
13	Over Voltage Protection (*8)	V	5.75 ~ 6.75	13.8 ~ 16.2	17.3 ~ 20.3	27.6 ~ 32.4	55.2 ~ 64.8
14	Hold-up Time (Typ) (*9)	-	20ms				
15	Remote Sensing	-	-				
16	Series Operation	-	Possible				
17	Operating Temperature (*10)	-	0 ~ +50°C (100%), +60°C (60%)				
18	Operating Humidity	-	30 ~ 90%RH (No dewdrop)				
19	Storage Temperature	-	-30 ~ +85°C				
20	Storage Humidity	-	10 ~ 95%RH (No dewdrop)				
21	Cooling	-	Convection Cooled				
22	Temperature Coefficient	-	1% (Typ) at 0°C ~ +50°C				
23	Withstand Voltage (*11)	-	Input - Chassis : 2kVAC (20mA), Input - Output : 3kVAC (20mA) Output - Chassis : 500VAC (100mA) for 1min				
24	Isolation Resistance	-	More than 100MΩ at 25°C and 70%RH Output - FG : 500VDC				
25	Vibration	-	10 ~ 55Hz Amplitude (Sweep for 1min) Less than 2G X, Y, Z 1hour each.				
26	Shock	-	Less than 20G				
27	Safety	UL1950	Approved by UL				
		CSA950	Approved by C-UL				
		EN60950	Approved by TUV				
		DENTORI	Built to meet (Rated input voltage : 100VAC)				
28	Conducted Radio Noise	-	Built to meet FCC-ClassB.				
29	Weight	g	270				
30	Size (WxHxD)	mm	35 x 97 x 98.5 (Refer to Outline Drawing)				

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

=NOTES=

- *1. At 100VAC and maximum output power, Ta=25°C.
- *2. For cases where conformance to various safety specs (UL, CSA, EN) are required, to be described as 100 - 240VAC, 50/60Hz on name plate.
- *3. At 100VAC or 200VAC & maximum output power.
- *4. Typical value on cold start, Ta=25°C.
- *5. From 85 ~ 265VAC or 110 ~ 330VDC, constant load.
- *6. From No load ~ Full load, constant input voltage.
- *7. Foldback current limiting with automatic recovery.
Avoid to operate over load or dead short for 30 seconds.
- *8. Inverter shut-down method, manual reset.
- *9. At 100VAC, nominal output voltage and maximum output current, Ta=25°C.
- *10. At vertical mounting.
- *11. Refer to instruction manual for testing procedure.



RWS 15A OUTPUT DERATING

NEMIC-LAMBDA

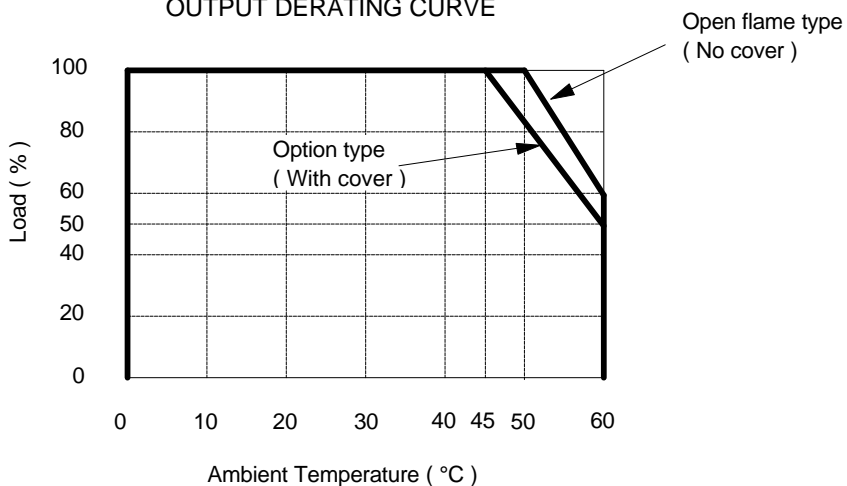
OPEN FLAME (NO COVER)

Ta(°C)	LOAD(%)			
	MOUNTING : A	MOUNTING : B	MOUNTING : C	MOUNTING : D
0 ~ +30	100	100	100	100
40	100	100	100	100
45	100	100	100	100
50	100	100	100	100
60	60	60	60	60

WITH COVER (OPTION)

Ta(°C)	LOAD(%)			
	MOUNTING : A	MOUNTING : B	MOUNTING : C	MOUNTING : D
0 ~ +30	100	100	100	100
40	100	100	100	100
45	100	100	100	100
50	80	80	80	80
60	50	50	50	50

OUTPUT DERATING CURVE



MOUNTING : A

MOUNTING : B

MOUNTING : C

MOUNTING : D

DON'T USE

(STANDARD MOUNTING)

