SR330 Specifications

NEMIC-LAMBDA

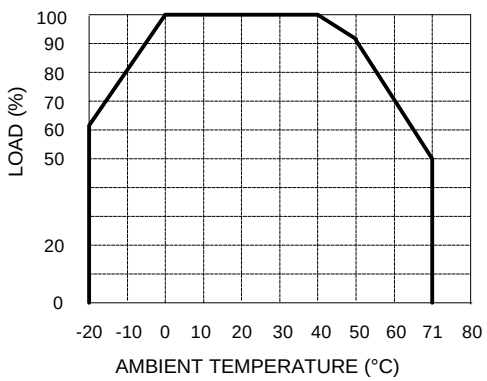
* : For delivery, contact to our sales office.

A087-01-01B * * * * *

	ITEMS \ MODEL		SR330 -2	SR330 -5	SR330 -6	SR330 -9	SR330 -12	SR330 -15	SR330 -18	SR330 -20	SR330 -24	SR330 -28	SR330 -48
1	Nominal Output Voltage	V	2	5	6	9	12	15	18	20	24	28	48
2	Maximum Output Current (*9)	A	66	66	55	37	28	23	19	17	15	13	7.5
3	Maximum Output Power	W	132	330	330	333	336	345	342	340	360	364	360
4	Efficiency (Typ) (*1)	%	63	75	75	79	82	82	82	82	84	84	84
5	Input Voltage Range (*2)	-	85 ~ 132VAC / 170 ~ 265VAC(47 ~ 440Hz) selectable or 230 ~ 330VDC Input Voltage Range shown on Front Panel : 100 - 120 / 200 - 240VAC (50 / 60Hz).										
6	Input Current (Typ) (*1)	A	100V:4.0A 200V:2.0A	100VAC : 8.0A 200VAC : 4.0A									
7	Inrush Current(Typ) (*3)	-	15A at 100VAC, 30A at 200VAC (260VDC)										
8	Output Voltage Range (Typ)	%	-10~ +20	-20~ +10	±20%								
9	Maximum Ripple & Noise	mV	100		200								400
10	Maximum Line Regulation (*4)	mV	20	20	24	36	48	60	72	80	96	112	192
11	Maximum Load Regulation (*5)	mV	20	20	24	36	48	60	72	80	96	112	192
12	Over Current Protection (*6)	A	72.6 ~ 85.8	72.6 ~ 85.8	60.5 ~ 71.5	40.7 ~ 48.1	30.8 ~ 36.4	25.3 ~ 30.0	20.9 ~ 24.7	18.7 ~ 22.1	16.5 ~ 19.5	14.3 ~ 16.9	8.25 ~ 9.75
13	Over Voltage Protection (*7)	V	2.8 ~ 3.2	6.0 ~ 7.0	7.8 ~ 9.0	11.7 ~ 13.5	15.6 ~ 18.0	19.5 ~ 22.5	23.4 ~ 27.0	26.0 ~ 30.0	31.2 ~ 36.0	36.4 ~ 42.0	62.4 ~ 72.0
14	Hold-up Time (Typ) (*8)	ms	20ms										
15	Remote Sensing	-	Possible										
16	Remote ON/OFF Control	-	Possible										
17	Parallel Operation	-	Possible										
18	Series Operation	-	Possible										
19	Operating Temperature (*9)	-	-20 ~ +71°C										
20	Operating Humidity	-	30 ~ 95%RH (No dewdrop)										
21	Storage Temperature	-	-40 ~ +85°C										
22	Storage Humidity	-	10 ~ 95%RH (No dewdrop)										
23	Cooling	-	Forced air by blower fan (Blower fan is mounted within supply)										
24	Temperature Coefficient	-	Less than 0.03% / °C										
25	Withstand Voltage (*10)	-	Input - Chassis : 2.5kVAC 1 min, Input - Output : 3.75kVAC 1 min, Output - Chassis : 500VAC 1 min.										
26	Isolation Resistance	-	More than 100MΩ at 25°C and 70%RH Output - Chassis : 500VDC										
27	Vibration	-	At no operating, 10 ~ 55Hz Amplitude (sweep for 1min) 0.825mm constant (Maxmum 5G) X, Y, Z 1hour each										
28	Shock	-	Less than 20G										
29	Safety Standard UL1950	-	Approved by UL										
	CSA950	-	Approved by C-UL										
	EN60950	-	Approved by TUV (Approved model:SR330-5,SR330-12,SR330-15,SR230-24,SR330-48)										
30	Conducted Emission	-	Built to meet VCCI-Class A, FCC-Class A, VDE-Class A										
31	Weight	kg	2.6										
32	Size (WxHxD)	mm	129 x 96.5 x 215 (Refer to Outline Drawing)										
33	Monitoring Signal	-	FAN ALM, PF (Open Collector output)										

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

DERATING CURVE (5V TYPE)
MOUNTING A



=NOTES=

*1. At 100V/200VAC and maximum output power.
*2. For cases where conformance to various safety specs (UL, CSA, etc) are required, input voltage range will be 100 - 120 / 200 - 240VAC (50 / 60Hz).
*3. First in-rush current .
*4. From 85 ~ 132VAC or 170 ~ 265VAC, constant load.
*5. From No load ~ Full load, constant input voltage.
*6. Constant current limiting with automatic recovery. (The unit automatically shuts down the output when it is left for 30 seconds under the state that OCP is operating and the output voltage is less than PF detected level. The output recovers when the input voltage is turned on after brief turning off.)
*7. Inverter shut-down method, manual reset. (OVP circuit will shut-down output)
*8. At 100V/200VAC, nominal output voltage & maximum output current.
*9. Ratings - For 5V model, refer to derating curve on the right.
For other Voltage models, refer to attached Derating Table.
- Load (%) is percent of maximum output power or maximum output current, whichever is greater.
*10. Leacage currrent range used : Input - Chassis greater than 20mA
Input - Output greater than 20mA (ACG - FG open)
Output - Chassis greater than 100mA

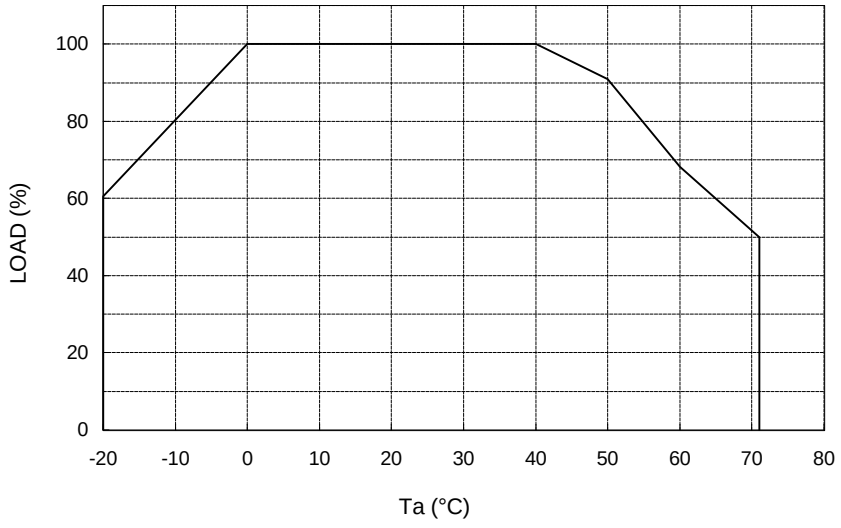
SR 330 OUTPUT DERATING

NEMIC-LAMBDA

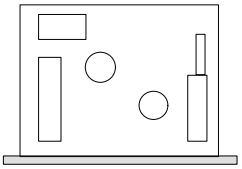
MOUNTING (A), (B), (C)

Ta (°C) / MODEL	Nominal Output Voltage	MAXIMUM OUTPUT CURRENT OR MAXIMUM OUTPUT POWER, WHICHEVER IS GREATER				
		-20°C	0 ~ 40°C	50°C	60°C	71°C
SR330-2	2V	40A 80W	66A 132W	60A 120W	45A 90W	33A 66W
SR330-5	5V	40A 200W	66A 330W	60A 300W	45A 225W	33A 165W
SR330-6	6V	33A 198W	55A 330W	50A 300W	38.5A 231W	27.5A 165W
SR330-9	9V	22A 198W	37A 333W	34A 306W	26A 234W	18.5A 166.5W
SR330-12	12V	17A 204W	28A 336W	27A 324W	20A 240W	14A 168W
SR330-15	15V	14A 210W	23A 345W	22A 330W	16A 240W	11.5A 172.5W
SR330-18	18V	12A 216W	19A 342W	18A 324W	13.5A 243W	10A 180W
SR330-20	20V	10A 200W	17A 340W	16A 320W	12A 240W	8.5A 170W
SR330-24	24V	9A 216W	15A 360W	14A 336W	10A 240W	7.5A 180W
SR330-28	28V	8A 224W	13A 364W	12A 336W	8.5A 238W	6.5A 182W
SR330-48	48V	4.5A 216W	7.5A 360W	7A 336W	5A 240W	3.8A 182.4W

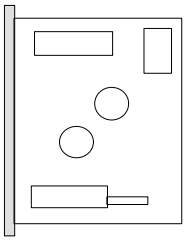
OUTPUT DERATING CURVE
MOUNTING : A, B, C (5V)



MOUNTING : A
(STANDARD MOUNTING)



MOUNTING : B



MOUNTING : C