

LWQ130 Specifications

NEMIC-LAMBDA

*:For delivery, contact to our sales office.

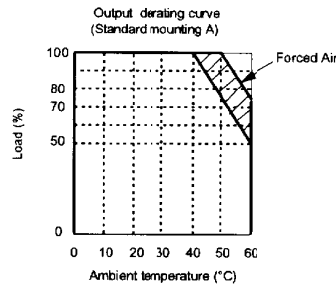
A101-01-01A

ITEMS	MODEL	LWQ130-5225				LWQ130-5222				LWQ130-5224				LWQ130-5FF5				LWQ130-5FF2				LWQ130-5FF4						
		V1	V2	V3	V4	V1	V2	V3	V4	V1	V2	V3	V4	V1	V2	V3	V4	V1	V2	V3	V4	V1	V2	V3	V4			
1	Nominal Output Voltage	V	5	+12	-12	5	5	+12	-12	12	5	+12	-12	24	5	+15	-15	5	5	+15	-15	12	5	+15	-15	24		
2	Minimum Output Current	A	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0		
3	Maximum Output Current	A	15	4	1	10	15	4	1	4	15	4	1	2	15	3.2	1	10	15	3.2	1	4	15	3.2	1	2		
4	Maximum Output Power /C-I	W	75	48	12	50	75	48	12	48	75	48	12	48	75	48	15	50	75	48	15	48	75	48	15	48		
5	Maximum Output Power	W	130W																									
6	Efficiency (Typ)	(*)1	72%																									
7	Input Voltage Range	(*)12	85 ~ 132VAC / 170 ~ 265VAC (47 ~ 63Hz) Automatically swichable or 220 ~ 330VDC																									
8	Input Current (Typ)	(*)1	3A at 100VAC / 1.5A at 200VAC																									
9	In-rush Current (Typ)	(*)2	10A at 100VAC / 20A at 200VAC																									
10	Output Voltage Range	-	5V±5%	Fixed	Fixed	5V±5%	5V±5%	Fixed	Fixed	12V±5%	5V±5%	Fixed	Fixed	24V±5%	5V±5%	Fixed	Fixed	5V±5%	5V±5%	Fixed	Fixed	12V±5%	5V±5%	Fixed	Fixed	24V±5%		
11	Maximum Ripple & Noise	(*)11	mV	100	150	150	100	100	150	150	100	150	150	100	150	150	100	150	150	100	150	150	100	150	150	100		
12	Maximum Line Regulation	(*)3	mV	50	150	150	50	50	150	150	50	150	150	200	50	150	150	50	50	150	150	150	150	150	150	200		
13	Maximum Load Regulation	(*)4	mV	100	300	300	100	100	300	300	100	300	300	100	300	300	100	300	300	100	300	300	100	300	300	100		
14	Maximum Temperature Drift	(*)5	mV	100	240	240	100	100	240	240	100	240	240	100	240	240	100	240	240	100	240	240	100	240	240	100		
15	Over Current Protection	(*)6	-	105% ~																								
16	Over Voltage Protection	(*)7	-	110 ~ 135% (V1 ~ V4)																								
17	Hold-up Time (Typ)	(*)10	ms	20ms																								
18	Operating Temperature	(*)9	-	0 ~ +60°C																								
19	Operating Humidity	-	-	30 ~ 90%RH (No dewdrop)																								
20	Storage Temperature	-	-	-30 ~ +85°C																								
21	Storage Humidity	-	-	10 ~ 95%RH (No dewdrop)																								
22	Cooling	-	-	Convection Cooled																								
23	Withstand Voltage	(*)8	-	Input - Chassis : 2.5kVAC(20mA) for 1min., Input - Output : 3.75kVAC(20mA) for 1min., Output - Chassis : 500VAC(100mA) for 1min.																								
24	Isolation Resistance	(*)8	-	More than 100MΩ at 25°C and 70%RH , Output - Chassis : 500VDC																								
25	Vibration	-	-	10 ~ 55Hz Amplitude (sweep 1min) Less than 2G : X, Y, Z 1 hour each																								
26	Shock	-	-	Less than 20G																								
27	Safety		UL1950	-	Approved 'UL'																							
			CSA234	-	Approved 'CSA'																							
			EN60950	-	Approved 'TUV'																							
			DENTORI	-	Built to meet (at Rated input voltage 100VAC)																							
28	Conducted Emission	-	-	Built to meet FCC-Class B, VCCI-Class B, VDE-Class B.																								
29	Weight	g	1100																									
30	Size (WxHxD)	mm	120 x 47 x 260 (Refer to Outline Drawing)																									
31	Remote ON / OFF Control	(*)13	-	Possible																								

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

=NOTES=

- At 100VAC/200VAC & maximum output power.
- When resuming operation in less than 5 sec after power failure, soft-start circuit will not limit the in-rush current at turn on.
- From 85 ~ 132VAC/170 ~ 265VAC or 220 ~ 330VDC, constant load.
- From minimum load - maximum load, constant input voltage.
- From 0 ~ 50°C, constant input voltage and load.
- V1, V2, V3, V4 current limiting with automatic recovery.
Avoid to operate over load or dead short for a long time.
(Refer to instruction manual for details.)
- OVP circuit will shutdown all outputs, manual reset.
- Refer to instruction manual or testing procedure.
- Rating - Refer to derating curve on the right.
- Load (%) is percent of maximum output power or maximum output current, whichever is greater.
- Refer to instruction manual for further mounting details.
- At 100VAC/200VAC, nominal output voltage & maximum output power.
- To be measured by the probe with bayonet adapter or equivalent.
Band width of scope is 60MHz B. W.
- To be described as 100 - 120VAC, 200 - 240VAC, 50 / 60Hz on name plate.
- ON/OFF control is used connector CN2 and CN3. CN2 - Short (ON), Open (OFF) CN3 - 2V ~ 5V (ON), 0 ~ 0.8V (OFF)



Ta (°C)	LOAD (%)			
	MOUNTING			
	(A)	(B)	(C)	(D)
0 ~ 30	100	90	90	100
40	100	90	90	100
50	75	60	60	75
60	50	30	30	50

