

## SPECIFICATIONS

PA724-01-01C

Items	Model	Model				
		LWD30-0512	LWD30-0524	LWD30-1212	LWD30-1224	LWD30-1515
1: Nominal Output Voltage	V:	5, 12	5, 24	12, 12	12, 24	15, 15
2: Maximum Output Current	A:	3, 1.2	3, 0.6	1.2, 1.2	1.2, 0.6	1, 1
3: Maximum Output Power	W:	29.4	29.4	28.8	28.8	30
4: Efficiency (Typ) (*1)	%:	70	68	70	72	74
5: Input Voltage Range (*2)	-:	85 - 265VAC (47 - 440Hz) OR 110 - 350VDC AC Input Voltage and Freq. Range shown on Panel Label: 100-240VAC (47 - 63Hz)				
6: Input Current (Typ) (*6)	A:	0.72/0.36				
7: In-rush Current (Typ) (*8)	A:	14A at 100VAC, 28A at 200VAC				
8: Output Voltage Range (Typ)	%:	CHANNEL 1 = $\pm 5\%$ , CHANNEL 2 FIXED $\pm 5\%$				
9: Maximum Ripple & Noise	mV:	100, 150	100, 200	150, 150	150, 200	150, 150
10: Maximum Line Regulation (*3)	mV:	50, 120	50, 240	120, 120	120, 240	150, 150
11: Maximum Load Regulation (*4)	mV:	100, 240	100, 480	240, 240	240, 480	300, 300
12: Over Current Protection (*5)	A:	More than 105% for each channel				
13: Over Voltage Protection (*7)	V:	Channel 1 only ...115% ~ 135%				
14: Hold-up Time (*6)	ms:	More than 20 / 100				
15: Remote Sensing	-:	-				
16: Remote ON/OFF Control	-:	-				
17: Parallel Operation	-:	-				
18: Series Operation	-:	POSSIBLE				
19: Operating Temperature	°C:	0°C ~ 60°C, 0°C ~ 40°C...100% 50°C...60% 60°C...40%				
20: Operating Humidity	%:	30 ~ 90 % RH				
21: Storage Temperature	°C:	-30 ~ 95				
22: Storage Humidity	%:	10 ~ 95 % RH				
23: Cooling	-:	Convection cooled				
24: Temperature Coefficient (Typ)	-:	Channel 1...< 1% ; Channel 2...< 2% at 0~60°C				
25: Withstand Voltage	-:	Input-Chassis, Input-Output ...2.0 kVAC for 1 min. @ 20mA				
26: Isolation Resistance (*9)	MΩ:	More than 100 MΩ at DC 500V at 25°C and 70% RH for 1 min.				
27: Vibration	-:	< 19.6m/s <sup>2</sup>				
28: Shock	-:	< 196.1m/s <sup>2</sup>				
29: Weight	g:	250				
30: Size (W.H.D)	-:	60 X 26 X 150		(Refer to Outline Dwg)		

## NOTES

- \* 1 : At 100VAC and Maximum Output Power.
- \* 2 : For cases where conformance to various safety specs (UL, CSA, etc.) are required, input voltage and frequency range will be 100 - 240VAC, 47 - 63Hz.
- \* 3 : From 85 - 265VAC or 110 - 350VDC, constant load.
- \* 4 : From No load to Maximum load, constant input voltage.
- \* 5 : Foldback current limiting with automatic recovery.
- \* 6 : At 100VAC/200VAC, 30W Output Power.
- \* 7 : Inverter shut-down method, manual reset.
- \* 8 : When resuming operation in less than 15 sec. after power failure at no load, softstart circuit will not limit the in-rush current at turn on.
- \* 9 : Output - Chassis.

LWD30

SPECIFICATIONS

PA724-01-02A

Items	Model	LWD30-1524
1. Nominal Output Voltage	V	15, 24
2. Maximum Output Current	A	1, 0.6
3. Maximum Output Power	W	29.4
4. Efficiency (Typ) (*1)	%	72
5. Input Voltage Range (*2)	-	85-265VAC (47-440Hz) OR 110-350VDC AC Input Voltage and Freq. Range shown on Panel Label : 100-240VAC (47-63Hz)
6. Input Current (Typ) (*6)	A	0.72/0.38
7. In-rush Current (Typ) (*8)	A	14A at 100VAC, 28A at 200VAC
8. Output Voltage Range (Typ)	%	Channel 1 = +5%, -0, Channel 2 Fixed ±5%
9. Maximum Ripple & Noise	mV	150, 200
10. Maximum Line Regulation (*3)	mV	150, 240
11. Maximum Load Regulation (*4)	mV	300, 480
12. Over Current Protection (*5)	A	More than 105% for each channel
13. Over Voltage Protection (*7)	V	Channel 1 only ... 115%~135%
14. Hold-up Time	mS	More than 20 / 100
15. Remote Sensing	-	-
16. Remote ON/OFF Control	-	-
17. Parallel Operation	-	-
18. Series Operation	-	Possible
19. Operating Temperature	°C	0°C~60°C 0°C~40°C ... 100% 50°C ... 80% 60°C ... 40%
20. Operating Humidity	%	30 ~ 90% RH
21. Storage Temperature	°C	-30 ~ 85
22. Storage Humidity	%	10 ~ 95% RH
23. Cooling	-	Convection cooled
24. Temperature Coefficient (Typ)	-	Channel 1 ... < 1%; Channel 2 ... < 2% at 0~80°C
25. Withstand Voltage	KV	Input-Chassis, Input Output ... 2.0 KVAC for 1 min. @ 20mA
26. Isolation Resistance (*9)	MΩ	More than 100MΩ at DC500V at 25°C and 70% RH for 1 min.
27. Vibration	G	< 2
28. Shock	G	< 20
29. Weight	gm	250
30. Size (W.H.D)	-	60 X 26 X 150 (Refer to Outline Dwg)

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- \* 5 : Foldback current limiting with automatic recovery.
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- \* 8 : When resuming operation in less than 15 sec. after power failure at no load, softstart circuit will not limit the in-rush current at turn-on.
- \* 9 : Output - Chassis.

NEMIC - LAMBDA