

LWD15

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SPECIFICATIONS

PA725-01-01C

Items	Model	LWD15-0512	LWD15-0524	LWD15-1212	LWD15-1224	LWD15-1515
1: Nominal Output Voltage	V:	5, 12	5, 24	12, 12	12, 24	15, 15
2: Maximum Output Current	A:	1.5, 0.6	1.5, 0.3	0.6, 0.6	0.6, 0.3	0.5, 0.5
3: Maximum Output Power	W:	14.7	14.7	14.4	14.4	15.0
4: Efficiency (Typ) (*1)	%:	64	64	64	64	64
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:	0.40/0.20				
7: In-rush Current (Typ)	A:	17A at 100VAC, 34A at 200VAC				
8: Output Voltage Range (Typ)	%:	CHANNEL 1 = + 5% , CHANNEL 2 FIXED (+/- 5%) - 0				
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 ~ 60°C 0°C ~ 40°C...100%, 50°C...60%, 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 0~60°C				
25: Withstand Voltage	-:	Input-Chassis, Input-Output ...2.0 kVAC for 1 min. @ 20mA				
26: Isolation Resistance (*8)	MΩ:	More than 100 MΩ at DC 500V at 25°C and 70% RH for 1 min.				
27: Vibration	-:	< 19.6 m/s ²				
28: Shock	-:	< 196.1 m/s ²				
29: Weight	g:	180				
30: Size (W.H.D)	-:	60 X 26 X 110		(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.
- * 4 : From No load to Maximum load, constant input voltage.
- * 5 : Foldback current limiting with automatic recovery.
- * 6 : At 100VAC/200VAC, 15W Output Power.
- * 7 : Inverter shut-down method, manual reset.
- * 8 : Output - Chassis.

LWD15-0505

SPECIFICATIONS

PA725-01-02 A

Items		Model	LWD15-0505	
1.	Nominal Output Voltage	V	5	5
2.	Maximum Output Current	A	1.5	0.6
3.	Maximum Output Power	W	10.5	
4.	Efficiency (Typ) (*1)	%	60	
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	0.30/0.15	
7.	In-rush Current (Typ)	A	17A at 100VAC, 34A at 200VAC	
8.	Output Voltage Range (Typ)	%	Channel 1 = +5%, -0, Channel 2 Fixed ±5%	
9.	Maximum Ripple & Noise	mV	100	150
10.	Maximum Line Regulation (*3)	mV	50	120
11.	Maximum Load Regulation (*4)	mV	100	240
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 ~ 85	
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	KV	Input-Chassis, Input Output ... 2.0 KVAC for 1 min. @ 20mA	
26.	Isolation Resistance (*8)	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	180	
30.	Size (W.H.D)	-	60 X 26 X 110 (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.
- * 4 : From No load to Maximum load, constant input voltage.
- * 5 : Foldback current limiting with automatic recovery.
- * 6 : At 100VAC/200VAC, 10.5W Output Power.
- * 7 : Inverter shut-down method, manual reset.
- * 8 : Output - Chassis.

NEMIC - LAMBDA