

SPECIFICATIONS

PA723-01-01C

Items	Model	Model				
		LWD50-0512	LWD50-0524	LWD50-1212	LWD50-1224	LWD50-1515
1: Nominal Output Voltage	V	5, 12	5, 24	12, 12	12, 24	15, 15
2: Maximum Output Current	A	5(min 1), 2	5(min 1), 1	2(min 0.4), 2	2(min 0.4), 1	1.6(min 0.3), 1.6
3: Maximum Output Power	W	49	49	48	48	48
4: Efficiency (Typ) (*1)	%	73	72	75	75	77
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	1.0/0.5				
7: In-rush Current (Typ) (*8)	A	14A at 100VAC, 28A 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 (*9)	MΩ	More than 100 MΩ at DC 500V at 25°C and 70% RH for 1 min.				
27: Vibration	-	< 19.6m/s ²				
28: Shock	-	< 196.1m/s ²				
29: Weight	g	400				
30: Size (W.H.D)	-	97 x 26 x 160		(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 Minimum load to Maximum load, constant input voltage.
- * 5 : Foldback current limiting with automatic recovery.
- * 6 : At 100VAC/200VAC, 50W 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.

LWD50-0505

SPECIFICATIONS

PA723-01-02A

Items		Model	LWD50-0505		
1.	Nominal Output Voltage	V	5	5	
2.	Maximum Output Current	A	5(MIN 1)	2	
3.	Maximum Output Power	W	35		
4.	Efficiency (Typ) (*1)	%	69		
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	1.0/0.5		
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	100	100	
10.	Maximum Line Regulation (*3)	mV	50	50	
11.	Maximum Load Regulation (*4)	mV	100	100	
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 (*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	400		
30.	Size (W.H.D)	-	97 X 26 X 160		(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 Minimum load to Maximum load, constant input voltage.
- * 5 : Foldback current limiting with automatic recovery.
- * 6 : At 100VAC/200VAC, 35.0W 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.

NEMIC - LAMBDA