PSD-XX-24 | BABA/BAA Power Supply



Features

- PSD with NEMA 3R rating for rainproof enclosure
- Constant voltage output - 24VDC (Class II)
- Input Voltage: 120/277VAC
- Compatible with MLV (forward phase) dimmers
- Flicker-free dimming
- Dim-to-off, with minimum dimming percentage: 1%
- Cooling by free air convection
- Full protection metal case
- Open circuit protected, manual reset overload protection
- 5 year Warranty

c UL us LISTED | TITLE 24 JA8 COMPLIANT | PLENUM RATED | RoHS | CLASS 2 | BAA & BABA | MADE IN U.S.A

Technical Information

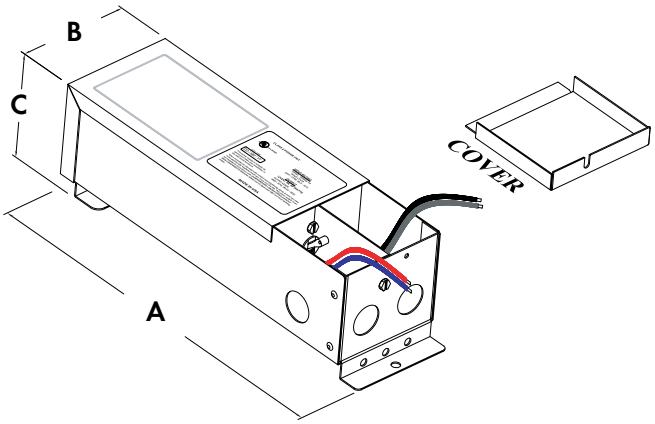
PSD MODEL			PSD-48-24	PSD-96-24	PSD-288-24
ELECTRICAL	Voltage/Frequency		120V AC, 240V AC, 277V AC @ 50/60Hz	120V AC, 240V AC, 277V AC @ 50/60Hz	120V AC, 240V AC, 277V AC @ 50/60Hz
	Inrush Current[1]		0.63 @ 120VAC 0.28 @ 277VAC	1.12 @ 120VAC 0.50 @ 277VAC	2.50 @ 120VAC
	Power Factor[1]		0.85	0.85	0.85
	Efficiency[1]		80%	80%	80%
	Maximum Input Current		0.50A @120V AC	1.00A @120V AC	3.00A @120V AC
	Maximum Output Power		48W	96W	288W (3 x 96W)
	Maximum Output Current		2.00A	4.00A	4.00A X 3
	Output Voltage		24V DC +/- 0.3V DC	24V DC +/- 0.3V DC	24V DC +/- 0.3V DC
	Total Harmonic Distortion		<0.01%	<0.01%	<0.01%
	Dimming (Phase)		1% - 100%	1% - 100%	1% - 100%
RATING	Environment		NEMA 3R RATING	NEMA 3R RATING	NEMA 3R RATING
	Compliance		UL 8750	UL 8750	UL 8750
	Ambient Operating Temperature Range		- 30 to 60°C	- 30 to 60°C	- 30 to 60°C
DIMENSIONS	Length	A	11.25"	11.25"	13.06"
	Width	B	3.42"	3.42"	8.42"
	Height	C	3.24"	3.27"	4.47"
Net. Weight			5.6 lbs	7.6 lbs	19.0 lbs

1- at MAX Load

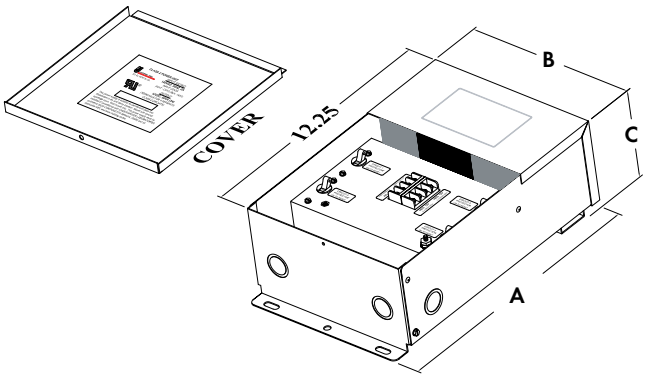
Ordering Code

MODEL	–	WATTAGE	–	OUTPUT	–	INPUT
	–		–		–	
PSD - PSD Series		48 - 48 Watts 96 - 96 Watts 288 - 288 Watts		24 - 24 VDC		Blank - 120 VAC 277 - 277 VAC

Product Dimensions

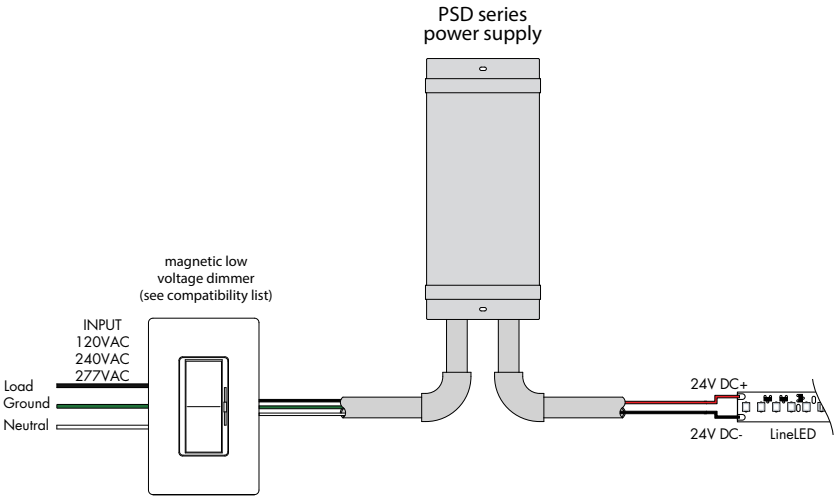


48W / 96W



288W (3 x 96W)

General Wiring Diagram



Note: Over the white, green, and black wires, connect to MLV dimmer.