

PS2 SERIES

POWER SUPPLIES



Date: _____ Project: _____ Type: _____

Ordering Guide:

Series	Wattage	Voltage
PS2	30 60 96 150 200 300	E Electronic
		24



Features:

- PWM power supply
- Constant voltage output
- Dimmable: ELV,MLV or TRIAC
- Flicker free dimming
- Free air convection cooling
- 5 year warranty



Model Number	PS2-30-E-24	PS2-60-E-24	PS2-96-E-24	PS2-150-E-24	PS2-200-E-24	PS2-300-E-24
Output						
Voltage	24VDC					
Rated Current	1.25A	2.5A	4A	6.25A	8.33A	12.5A
Rated Power	30W	60W	96W	150W	200W	300W
Voltage Tolerance	+/- 0.5V					
Voltage Regulation	+/- 0.5%					
Load Regulation	+/- 1%					
Input						
Voltage Range	100 - 277VAC					
Frequency Range	47 - 63Hz					
Power Factor	0.99 @120V	0.98 @120V	0.98 @120V	0.99 @120V	0.98 @120V	0.99 @120V
Efficiency @ full load	> 80%	> 80%	> 80%	> 85%	> 85%	88%
Inrush Current	7A, 50%, 420us	14A, 50%, 780us	20A, 50%, 1.6ms	15A, 50%, 1.4ms	15A, 50%, 1.4ms	20A, 50%, 1.9ms
Class 2 Rated	Yes	Yes	Yes	No	No	No
Ratings/Installation						
Protection	Short circuit/Overload/Over temperature - auto reset					
Working Temperature	-40 F - 176 F					
Dimensions (L x W x H)	6 1/2" x 3 5/8" x 1 1/2"	7 1/2" x 3 5/8" x 1 1/2"	8 3/4" x 3 3/4" x 1 3/4"	10 1/4" x 4 1/16" x 1 7/8"	10 1/4" x 4 1/16" x 1 7/8"	11" x 4 1/4" x 1 7/8"
Weight	2.10lbs.	2.25lbs.	2.90lbs.	4.00lbs.	4.00lbs.	4.20lbs.
Certifications	FCC, UL8750 & UL1310					
Location Rating	Dry/Damp Location					