



Features

- Wide voltage input range
- Class 2 Power Supply
- Constant voltage mode output
- 5 Year Warranty



Parameters

Part Number	Z-PW3-96W-24V
Output Voltage	24VDC
Output Voltage Range	24VDC $\pm$ 5%
Output Current	4A Max
Output Power	96W
Output Ripple & Noise	$\leq$ 480mV
Input Voltage Range	100 - 277VAC
Input Frequency Range	50~60Hz
Input Current	$\leq$ 1.75A (120VAC)
Surge Current (Cold Start)	46A @ 120VAC
Power Efficiency (TYP)	87% (120VAC)
Leakage Current	<0.75mA/277VAC
Over-Current Protection	Yes
Short-Circuit Protection	Yes
Over-Voltage Protection	Yes

Working Temperature	-13°F ~ 122°F
Working Humidity	10% ~ 95%RH
Approved Enviroments Location	For Dry or Damp Locations
IP Rating	IP65
Storage Temperature	-31°F ~ 149°F
Storage Humidity	10% ~ 95%RH
Vibration	10 ~ 500Hz, 1.0mm, 15 Min (for X, Y, Z Axis)
Tcase	194°F
Safety Standard	UL8750, UL879, CSA C22.2 NO.250.13, CSA C22.2 NO.207-15; EN61347-1, EN61347-2-13, EN62493
Dielectric Strength (Hi-Pot)	I/P-O/P: 1.8KVAC / 5mA / 1min I/P-Case: 1.8KVAC / 5mA / 1min
Insulation Resistance	100M Ω / 500VDC / 1min
Grounding Resistance	$\leq$ 0.5 Ω
EFT	2kv on AC power line
Surge	2kv(L-N) 4kv(L-GND, N-GND) (IEC61000-4-5)
MTBF	200Khrs.MIL-HDBK-217F (77°F)
Life Time	50,000 hours at Tc $\leq$ 176°F Max case hot spot temperature
Dimensions	6.14" x 1.69" x 1.18"
Weight	0.79 lbs

