

AD7216N2L

72 Watts

Total Power: 72 Watts
Input Voltage: 90 - 264 Vac
of Outputs: Single

Special Features

- Class II
- Universal AC input
- Fully regulated output
- Overvoltage and short circuit protection
- Constant voltage
- High efficiency
- IEC320 AC receptacle, 2 pin (type C8)
- Built in EMI filter
- (CISPR 22 Class B)
- AC Input fuse
- Complies with Blue Angel requirement

Safety

UL: UL 60950-1
CuL: 60950-1
PSE: Denan
CB: Certificate and report



Rev. 04.16.08
AD7216N2L
1 of 2

Electrical Specifications

Input

Input range:	90-264 Vac (wide range)
Frequency:	47-63 Hz
Input current:	2 A maximum
Efficiency:	85% typical
EMI/RFI:	FCC Part 15, Subpart B Class B & EN55022 (CISPR 22) Class B
Safety ground leakage current:	0.5 mA maximum@ 50/60 Hz, 264 Vac input

Output

Maximum Power (Po):	72 W
Hold-up time:	10 ms. minimum at full load @ 120 Vac
Short current protection:	Auto recover
Thermal protection:	Internally protected; output will latch off
Cable/connector:	DC cable length 2.1 mm center plug, right angle DC plug center +v DC plug outer -v
Overvoltage protection:	20 - 23 V; Latching type, recycle ac to reset

Environmental Specifications

Operating temperature:	+5° to +40°C ambient
Storage temperature:	-10°C to +70°C
Electromagnetic susceptibility:	Designed to meet EN61000-4-2, -4, level 2; EN61000-4-5, Level 3
Humidity:	Operating; non-condensing 5% to 90% RH

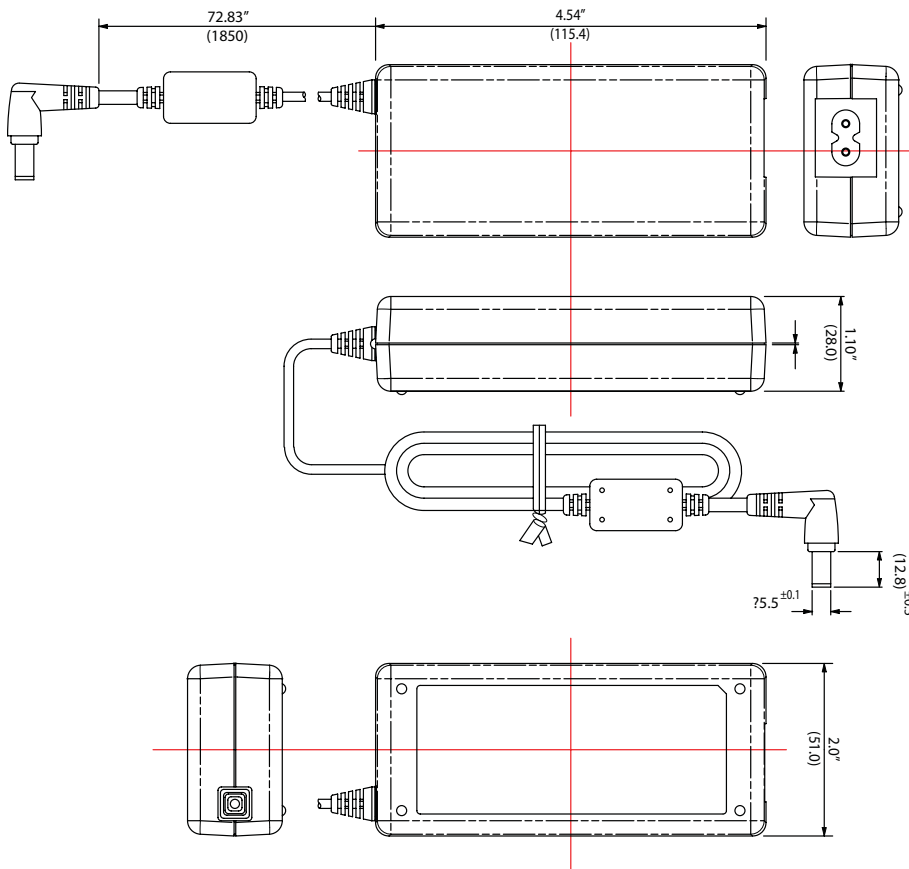


Ordering Information

Model Number	Maximum Power	Output Voltage	Maximum Load	Peak Load ¹	Regulation ²	Ripple P/P (PARD) ³
AD7216N2L	72 W	16 V	4.5 A	4.75 A	±5%	<250mV

1. Peak current lasting <4 seconds with a maximum 10% duty cycle.
2. At 25°C including initial tolerance, line voltage, load currents and output voltages adjusted to factory settings.
3. Peak-to-peak with 20MHz bandwidth and 10µF (tantalum capacitor) in parallel with a 0.1µF capacitor at rated line voltage and load ranges.

Mechanical Drawing



NOTES:

1. DC PLUG OUTER DIAMETER = 5.5±0.1mm
2. DC PLUG INNER DIAMETER = 2.1±0.15mm
3. DC PLUG LENGTH = 12.8±0.5mm
4. OUTPUT CABLE LENGTH = 1850 +50/-30mm

1.10" (H) x 2.0" (W) x 4.54" (L)
28.0 mm (H) x 51 mm (W) x 115.4 mm (L)
AC Input Connector: IEC320, C8 AC Input
power cord sold separately

Notes:

1. Specifications subject to change without notice.
2. All dimensions in inches (mm), tolerance is ± 0.02" (±0.5 mm)
3. Warranty: 2 year
4. Weight: 0.65 lb./ 0.29 kg
5. AC input power cord sold separately.
6. Specifications at factory settings at 115VAC input, 25 °C unless otherwise stated

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