

SNP-A08 Series

80 W AC/DC Switch Mode Power Supplies

CoolPower
Solutions

- Teholuokka 80W / 120W huippu
- Hyötysuhde > 85%
- Täyttää Green Power vaatimukset
- +50% hetkellinen huipputeho
- Medical- ja teollisuus-standardien mukainen
- Rated power 80W / 120W peak
- Efficiency > 85%
- Fulfil Green Power requirements
- +50% peak power capability
- For Medical & Industrial applications



Tekniset tiedot

Tulojännite:
Tulotaajuus:
Syöksyvirta:

Täyttää Green mode vaatimukset

Lähtöjännite:

- Tarkkuus:

Maks. teho:

Maks. virta:

Kuormaregulointi:

Linjaregulointi:

Lämpötila-alue:

Rippeli:

Hyötysuhde:

Pitoaika:

Ylikuormitussuojaus:

Oikosulkusuojaus

Ylijännitesuojaus:

Jäähdytys:

Varastointilämpötila:

Sähköiset turvanormit:

EMC standardit:

- Emissio:
- Immunitaetti:

Harmoniset:

Liitännät:

Mitat (PxLxK):

Paino:

Technical specifications

Input voltage:

Input Frequency:

Inrush Current:

Meet Green mode

Output voltage:

- Accuracy:

Max. output power:

Max. load current:

Load regulation:

Line regulation:

Temperature range:

Ripple:

Efficiency:

Hold up time:

Overload protection:

Short Circuit Protection:

Over Voltage protection:

Cooling:

Storage temperature:

Electrical safety standards:

EMC standards

- Emission:
- Immunity:

Harmonics:

Connections:

Dimensions (LxWxH):

Weight:

90-264 VAC

47-63 Hz

< 70 A at 230 VAC

Cold start, 25°C

< 0.3W (at no load)

See table

See table

80 W, Peak 120 W 10 s.

See table

± 3,0%

± 0,5%

0°C ... +40°C

See table

85% ... 90% see table

> 20 ms at rated load and 115VAC

Auto recovery

Auto recovery

Latch off

Free air convection

-20°C ... +85°C

EN 60950-1, EN 60601-1,

UL 60601-1, UL 60950-1

CSA C22.2 No.60950-1 (cUL)

EN61000-4-2,-3,-4,-5,-6,-8,-11

FCC" B", CISPR22 level "B"

EN 61000-3-2 class A

AC input: IEC 320 C18 (or C14)

DC output: 4-pole Hosiden

DC output: DC power jack (24/48V)

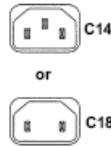
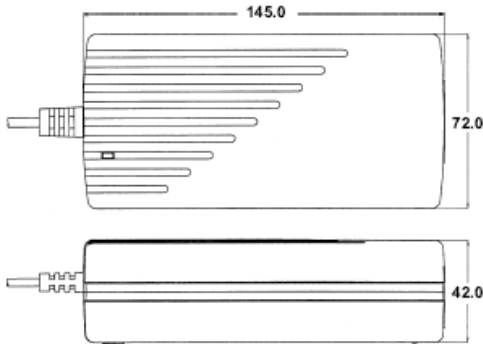
145 x 72 x 42 mm

470 g

Jotkin tekniset arvot saattavat vaihdella muiden mallien ja jänniteversioiden osalta.

Some technical specifications may differ for other models and voltage versions

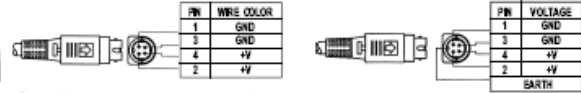
Mekaaniset tiedot – Mechanical Specifications



Notes:

- Dimensions shown in mm (inch) as left. Tolerance: ± 1 mm (Excluding cables).
- Size: 72.0 X 145.0 X 42.0 (mm)
- Connectors:
AC input : IEC 320 Inlet C18 : SNP-A08X
C14 : SNP-A08X-3

DC output :
SNP-A08X SNP-A08X-3
4 pin Hosiden equivalent plug for 12V/15V/18V



DC power Right Angel jack for 24V/48V



- Note: Other type available by customer requested
- Output cable length: 180 cm approx.
 - DC OK LED: Green light on top of box
 - Grounding:
DC output GND is connected to safety earth internally for SNP-A08X-3

Jänniteversiot – Voltage versions

Malli Model	Lähtöjännite (VDC) Output voltage (VDC)		Kuormitus (A) Load (A)				Rippeli Ripple	Load reg. Regulointi	Hyötysuhde Efficiency Typyinen Typical
	Nimellinen Nominal	Tarkkuus Accuracy	Min	Rated	Max	Peak			
SNP-A087 (-3)	+12 V	11.40 V...12.60 V	0 A	6.0 A	9.0 A	100mA _{p-p}	$\pm 3\%$	84 %	
SNP-A088 (-3)	+15 V	14.25 V...15.75 V	0 A	5.0 A	7.5 A	100mA _{p-p}	$\pm 3\%$	85 %	
SNP-A085 (-3)	+18 V	17.10 V...18.90 V	0 A	4.5 A	6.7 A	100mA _{p-p}	$\pm 3\%$	86 %	
SNP-A089 (-3)	+24 V	22.80 V...25.20 V	0 A	3.3 A	5.0 A	100mA _{p-p}	$\pm 3\%$	87 %	
SNP-A08T (-3)	+48 V	45.60 V...50.40 V	0 A	1.75 A	2.5 A	200mA _{p-p}	$\pm 3\%$	89 %	

Huomioitavaa – Notes

- At peak load, the output can last for 10 seconds without shut down.
- At factory, in 60% rated load condition, each output is checked to be within voltage accuracy.
- Line regulation is defined by changing $\pm 10\%$ of input voltage from nominal line at rated load.
- Load regulation is defined by changing $\pm 40\%$ of measured output load from 60% rated load.
- Ripple & noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.47 μ F capacitor at rated load and nominal line.
- Hold up time is measured from the end of the last charging pulse to the time which the main output drops down to low limit of main output at rated load and nominal line.
- Efficiency is measured at rated load, and nominal line.