



Description:

The ECO-A02 series is an alternative solution from the A02 series, for commodity applications, at low cost. SNP-A02 series is a 10-20 watt, universal input, and single output switching mode desk top adapter, built in a compact plastic box. Designed by quasi-resonant topology to increase the efficiency up to 85%. Low input power at no load condition meets green power requirements.

Models available :

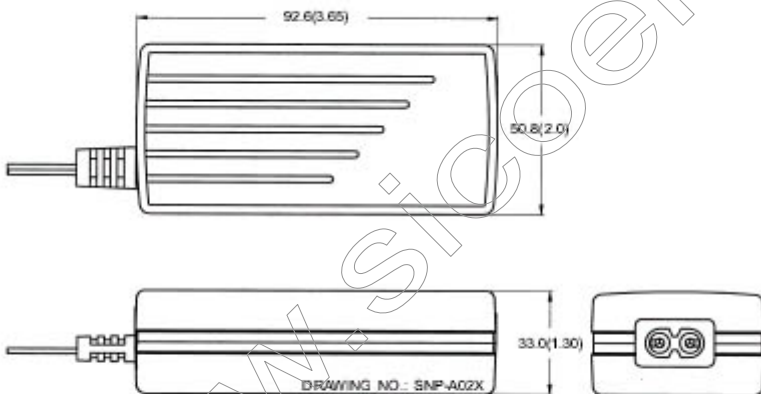
- SNP ECOA026 for 5V/2A
- SNP ECOA027 for 12V/1.3A
- SNP ECOA029 for 24V/0.6A
- SNP ECOA02C for 9V/1.8A
- SNP ECOA028 for 15V/1A
- SNP ECOA02T for 48V/0.3A

General Specifications:

Input voltage.....90VAC to 264VAC
 Input frequency.....47Hz to 63Hz
 Inrush currentless than 60A at 230VAC
 (cold start, 25 °C)
 Meet green mode < 0.5W (at no load)
 Efficiency70%~85% depends on models
 Hold-up time16ms typical
 at rated load and 115VAC
 Over voltage protectionLatch off
 Short circuit protectionauto recovery

Over load protectionauto recovery
 Operating temperature.....0 to 40 °C
 Coolingfree air convection
 Storage temperature.....-20 °C to +85 °C
 EMIFCC EN55022 class"B"
 CISPR22 level "B"
 EMSEN61000-4-2,-3,-4,-5,-6,-11
 SafetyUL 60950, LPS
 CSA 22.2 No. 234
 TUV EN60950

Mechanical Specifications:



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**Output Specifications:**

MODEL NO.	OUTPUT RAIL	LOAD			VOLTAGE ACCURACY	RIPPLE NOISE	LINE REG.	LOAD REG.
		MIN.	RATED	PEAK				
SNP-A026	+5V	0A	2A	3A	+4.75V~+5.25V	50mVpp	±1%	±4%
SNP-A02C	+9V	0A	1.8A	2.5A	+8.55V~+9.45V	80mVpp	±1%	±3%
SNP-A027	+12V	0A	1.3A	2A	+11.40V~+12.60V	80mVpp	±1%	±2%
SNP-A028	+15V	0A	1A	1.6A	+14.25V~+15.75V	80mVpp	±1%	±1%
SNP-A029	+24V	0A	0.6A	1A	+22.80V~+25.20V	80mVpp	±1%	±1%
SNP-A02T	+48V	0A	0.3A	0.5A	+45.60V~+50.40V	400mVpp	±1%	±1%

Note:

1. Output can provide up to peak load when the power supply starts up. Continuous staying in more than rated load is not allowed.
2. At factory, in 60% rated load condition, each output is checked to be within voltage accuracy.
3. Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.
4. Load regulation is defined by changing ±40% of measured output load from 60% rated load.
5. Ripple & noise is measured by using 15MHz bandwidth limited oscilloscope and terminated each output with a 0.47µF capacitor at rated load and nominal line.
6. 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.
7. Efficiency is measured at rated load, and nominal line.