



Laptop adapter ADP-24



ADP-24 ---30W laptop adapters

CE, CCC, ROHS

1) Input:

- a) AC100V-240V
- b) Frequency: 50/60Hz 0.8A
- c) Line regulation range: $\pm 0.5\%$ max.
- e) Start up current: 40A/230VAC

2) Output:

- a) Line regulation range: $\pm 0.5\%$ max.
- b) Ripple and noise (mVp-p): <1% of output voltage
- c) Adjustable range of output voltage: +5%, -3%
- d) Start-up time: ≤ 1 s (AC input 240V and $I_o=100\%$)
- e) Hold-up time: ≥ 20 ms (AC input 240V and $I_o=100\%$)

3) Protection:

- a) **Over loading protection:** 115%-150% of rated power, when it happened, the power shuts down automatically; when trouble removed the power recovers itself.
- b) **Over voltage protection:** 130%-150% of rated voltage
- c) **Short circuit protection**



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4) Insulation Intensity

Input---output: 3000V/10mA, 60s

5) Insulation resistance

Input---output: $\geq 50\text{m}\Omega$, DC500V

6) Environmental requirements:

- a) Operating temperature: 0---40°C
- b) Operating humidity: 10-90% RH (no freezing dew)
- c) Storage temperature: -20---85°C
- d) Storage humidity: 10-95% RH (no freezing dew)

7) Elevation: <3000m

8) Dimensions (L x W x H): 96*52*31mm

9) Weight: 200g

10) EMC: EN55022, GB3954

Common specifications:

Model	Input Voltage	Output Voltage	Output Current	Ripple	Efficiency
ADP24-S5A3	100-240VAC	5V	3A	$\leq 1\%$	>75%
ADP24-S6A3	100-240VAC	6V	3A	$\leq 1\%$	>75%
ADP24-S7A2.5	100-240VAC	7V	2.5A	$\leq 1\%$	>75%
ADP24-S8A2.5	100-240VAC	8V	2.5A	$\leq 1\%$	>75%
ADP24-S9A2.5	100-240VAC	9V	2.5A	$\leq 1\%$	>75%
ADP24-S10A2.4	100-240VAC	10V	2.4A	$\leq 1\%$	>80%
ADP24-S11A2	100-240VAC	11	2A	$\leq 1\%$	>80%
ADP24-S12A2	100-240VAC	12	2A	$\leq 1\%$	>80%
ADP24-S13A1.8	100-240VAC	13	1.8A	$\leq 1\%$	>80%
ADP24-S14A1.6	100-240VAC	14	1.6A	$\leq 1\%$	>80%
ADP24-S15A1.5	100-240VAC	15	1.5A	$\leq 1\%$	>80%
ADP24-S16A1.5	100-240VAC	16	1.5A	$\leq 1\%$	>80%
ADP24-S17A1.2	100-240VAC	17V	1.2A	$\leq 1\%$	>80%
ADP24-S18A1.2	100-240VAC	18	1.2A	$\leq 1\%$	>80%



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ADP24-S19A1.2	100-240VAC	19	1.2A	≤1%	>80%
ADP24-S20A1.2	100-240VAC	20	1.2A	≤1%	>80%
ADP24-S21A1	100-240VAC	21	1A	≤1%	>80%
ADP24-S22A1	100-240VAC	22	1A	≤1%	>80%
ADP24-S24A1	100-240VAC	24	1A	≤1%	>80%



Electrónica S.A. de C.V.