

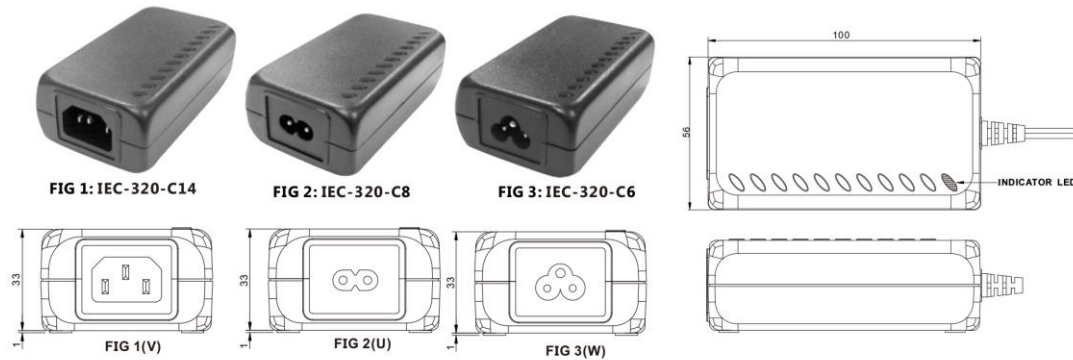


**50W Desktop Power Supply < A2-50**

**A2-50** 50W Desktop series

DoE(VI)&EU ErP/CoC(5)

UNIT:mm



■Safety agency approvals:



■Specifications:

Model No.	<b>A2-50</b>
AC input range	100~240VAC; 47~63Hz; 1.5A
Leakage current	ClassI: 3.5mA / ClassII: 0.25mA Max.@ 240VAC/50Hz
Operating temperature	-20°C to +70°C(safety approval 0°C to 40°C, >40°C please contact the sales request derating curve.)
Withstand voltage	4242VDC from input to output
EMC	(A)CE EN 55032,EN 55024 (B)FCC 47 CFR Part 15 Subpart B
Safety	(A) UL/cUL (B) TUV/GS (C) TUV/PSE (D) CB
Warranty	1 year

X= V: (IEC-320-C14 FIG 1) or U: (IEC-320-C8 FIG 2) or W: (IEC-320-C6 FIG 3)

Model name	Output Voltage(VDC)	Output Current(A)	Max.Output power(W)	Ripple.(mV) max.	Line Regulation(%)	Load Regulation(%)	Avg.Eff.(%) DoE (VI)_CoC (5)	No load Power Consumption(W)
A2-50S12R-X	12	4.16	50	250	±2	±5	>88	<0.15
A2-50S12R-X	12.5	4.00	50	250	±2	±5	>88	<0.15
A2-50S12R-X	13	3.84	50	250	±2	±5	>88	<0.15
A2-50S12R-X	13.5	3.70	50	250	±2	±5	>88	<0.15
A2-50S12R-X	14	3.57	50	250	±2	±5	>88	<0.15
A2-50S12R-X	14.5	3.44	50	250	±2	±5	>88	<0.15
A2-50S12R-X	15	3.33	50	250	±2	±5	>88	<0.15
A2-50S12R-X	15.5	3.22	50	250	±2	±5	>88	<0.15
A2-50S12R-X	16	3.12	50	250	±2	±5	>88	<0.15
A2-50S12R-X	16.5	3.03	50	250	±2	±5	>88	<0.15
A2-50S12R-X	17	2.94	50	250	±2	±5	>88	<0.15

X= V: (IEC-320-C14 FIG 1) or U: (IEC-320-C8 FIG 2) or W: (IEC-320-C6 FIG 3)

Model name	Output Voltage(VDC)	Output Current(A)	Max.Output power(W)	Ripple.(mV) max.	Line Regulation(%)	Load Regulation(%)	Avg.Eff.(%) DoE (VI)_CoC (5)	No load Power Consumption(W)
A2-50S18R-X	18	2.77	50	250	±2	±5	>88	<0.15
A2-50S18R-X	18.5	2.70	50	250	±2	±5	>88	<0.15
A2-50S18R-X	19	2.63	50	250	±2	±5	>88	<0.15
A2-50S18R-X	19.5	2.56	50	250	±2	±5	>88	<0.15
A2-50S18R-X	20	2.50	50	250	±2	±5	>88	<0.15
A2-50S18R-X	20.5	2.43	50	250	±2	±5	>88	<0.15
A2-50S18R-X	21	2.38	50	250	±2	±5	>88	<0.15
A2-50S18R-X	21.5	2.32	50	250	±2	±5	>88	<0.15
A2-50S18R-X	22	2.27	50	250	±2	±5	>88	<0.15
A2-50S18R-X	22.5	2.22	50	250	±2	±5	>88	<0.15
A2-50S18R-X	23	2.17	50	250	±2	±5	>88	<0.15
A2-50S18R-X	23.5	2.12	50	250	±2	±5	>88	<0.15
A2-50S18R-X	24	2.08	50	250	±2	±5	>88	<0.15

Note:

- 1.Weight:Approx 250gs
- 2.Optional output connectors (See appendix A)
- 3.Avg. Eff.(%): Averages the efficiency at 25, 50, 75, and 100 % of max. rated output current.
- 4.Standard Output cable: 12~21V: UL2468, 16AWG,1M  
21~24V: UL2468, 18AWG, 1M