

51W Series Power Supply

A48-Desktop Type
8-54V 4.16A MAX. 51W



SAFETY APPROVALS | UL, TUVGS, CE, CB, FCC, PSE, UKCA

FEATURES

100-240VAC Universal Input
Meet CEC, Energy Star 3.0 (EPA/DOE—Level VI)
3 Years Warranty

Model	O/P Voltage	O/P Current	Watt	Model	O/P Voltage	O/P Current	Watt
A48-090003500	9.0V	3.5A	31.5W	A48-190002552	19.0V	2.552A	48.5W
A48-120003600	12.0V	3.6A	43.2W	A48-240002000	24.0V	2A	48W
A48-150003080	15.0V	3.08A	46.2W	A48-480001000	48.0V	1A	48W
A48-180002694	18.0V	2.694A	48.5W				

INPUT CHARACTERISTICS

Rated Input Voltage 100-240V AC
 Rated Frequency 50/60Hz
 Steady AC Current 1.3A(Max) Measured at 100Vac input and maximum load
 Inrush Current Less than 80A
 Empty Loaded Wasting 75mW

SAFETY STANDARDS

LVD UL62368-1/UL60950-1
 IEC62368-1/IEC60950-1 EN62368-1
 EMC & EMI EN55032 EN55024 EN61000-3-2 EN61000-3-3

RELIABILITY ITEMS

Hi-Pot Test AC 3000V1min between input plug-DC plug
 Leakage Current 0.25mA maximum, at nominal AC input voltage and frequency
 Temperature Rise Case surface rise 95°C or less

OUTPUT CHARACTERISTICS

Power 51W MAX
 Load Regulation ±5%
 Turn on delay time 3s Max at AC 115V, Max output load
 Hold up time 5ms Min at AC 115V, Max output load
 Rise up time 40ms Max at AC 115V, Max output load
 Efficiency Meet CEC, Energy Star 3.0 (EPA/DOE—Level VI)

PROTECTION

Over Voltage Protection Auto Recovery
 Short Circuit Protection Auto Recovery
 Over Current Protection Auto Recovery
 Protection Class Class II

ENVIRONMENTAL

Operation Temperature -10 °C – 40 °C
 Storage Temperature -25 °C – 70 °C
 Operation Humidity 5%(0°C) ~ 90%(40°C)
 Storage Humidity 5%~ 95%

MECHANICALS				
Cable	Case Material	IEC-320-C8	Case Dimension	Weight
UL1185#18AWG, 1750mm	UL94-V1			
			L91.5*W49.5*H23mm	212g (Ref.)