

180W Series Power Supply

A190-Desktop Type
12-24V 12.5A Max 180W



SAFETY APPROVALS

UL, TUVGS, CE, CB, FCC, PSE, SAA, RCM, KC, KCC

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
A190-190007900	19.0V	7.9A	150W	A190-200008500	20.0V	8.5A	170W
A190-190008400	19.0V	8.4A	160W	A190-240006000	24.0V	6A	144W
A190-195009230	19.5V	9.23A	180W	A190-240007500	24.0V	7.5A	180W
A190-190009500	19.0V	9.5A	180.5W				

INPUT CHARACTERISTICS

Rated Input Voltage 100-240V AC
 Rated Frequency 50/60Hz
 Steady AC Current 2.6A(Max) Measured at 100Vac input and maximum load
 Inrush Current Less than 80A
 Empty Loaded Wasting 150mW

OUTPUT CHARACTERISTICS

Power 180.5W 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)

SAFETY STANDARDS

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

PROTECTION

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

RELIABILITY ITEMS

Hi-Pot Test AC 3000V1min between input plug-DC plug
 Leakage Current 3.5mA maximum, at nominal AC input voltage and frequency
 Temperature Rise Case surface rise 95°C or less

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 1185#16AWG, 1750mm	Case Material UL94-V1	IEC-320-C14	Case Dimension	Weight
			L160.0*W76.5*H26.4mm	595g (Ref.)