

150W Series Power Supply

A160-Desktop Type
12-18V 12.5A Max 150W



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
A160-120012500	12.0V	12.5A	150W
A160-150010000	15.0V	10A	150W
A160-180008330	18.0V	8.33A	150W

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 150W 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	570g (Ref.)