

# 65W Series Power Supply

**A12-Desktop Type**  
9-54V 5A MAX. 65.88W



**SAFETY APPROVALS** | UL, TUVGS, CE, CB, FCC, PSE, SAA, RCM

## 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
A12-090004000	9.0V	4A	36W	A12-195003330	19.5V	3.33A	65W
A12-120005000	12.0V	5A	60W	A12-200003250	20.0V	3.25A	65W
A12-140004000	14.0V	4A	56W	A12-240002730	24.0V	2.73A	65.5W
A12-150004000	15.0V	4A	60W	A12-300002000	30.0V	2A	60W
A12-160004060	16.0V	4.06A	65W	A12-480001350	48.0V	1.35A	65W
A12-180003000	18.0V	3A	54W	A12-540001200	54.0V	1.2A	65W
A12-190003420	19.0V	3.42A	65W				

## INPUT CHARACTERISTICS

Rated Input Voltage ..... 100-240V AC  
 Rated Frequency ..... 50/60Hz  
 Steady AC Current ..... 1.5A(Max) Measured at 100Vac input and maximum load  
 Inrush Current ..... Less than 80A  
 Empty Loaded Wasting ..... 150mW

## 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 max at nominal AC input voltage and frequency  
 Temperature Rise ..... Case surface rise 95°C or less

## OUTPUT CHARACTERISTICS

Power ..... 65.88W 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 UL1185#18AWG, 1750mm	Case Material UL94-V1	IEC-320-C8	Case Dimension	Weight
			L98.7*W51*H26.5mm	218g (Ref.)