



A90 - xxxxyyyyyy

A90 12V-24V
 xxxx Output Voltage
 yyyyy Output Current

Features

100-240VAC Universal Input
 Meet CEC,Energy Star 3.0 (CoC V5-level VI)
 Single Output to 120W Max
 3 Years Warranty

Model	O/P Voltage	O/P Current	Watt
A90-120008000	12V	8A	96W
A90-120010000	12V	10A	120W
A90-140008000	14V	8A	112W
A90-150008000	15V	8A	120W
A90-160007500	16V	7.5A	120W
A90-180005000	18V	5A	90W
A90-190006320	19V	6.32A	120.08
A90-200006000	20V	6A	120W
A90-240005000	24V	5A	120W

Input	
Rated Input Voltage	100 - 240V AC
Rated Frequency	50/60 Hz
Steady AC Current	1.8A (Max) Measured at 100Vac input and maximum load
Inrush Current	less than 80A
Empty loaded wasting	150mW
Efficiency	Meet CEC,Energy Star 3.0 CoC V5 Tier 2 DoE VI

Output	
Power	120W Max
Load Regulation	±5%
Turn on delay time	3s Max at AC 115V,max output load
Hold up time	5ms Max at AC 115V,max output load
Rise up time	40ms Min at AC 115V, max output load

Protection	
Over Voltage Protection	Auto recovery
Short Circuit Protection	Auto recovery
Over Current Protection	Auto recovery

Safety Approvals	
CE FCC	

Safety Standards	
LVD	EN62368-1
EMC & EMI	EN55022 EN55024 EN61000-3-2 EN61000-3-3
FCC	EN55032 FCC Part15 Class B

Electrical	
Hi-Pot Test: AC 3000V1min between input plug-DC plug	
Leakage current : 3.5mA max at nominal AC input voltage and frequency	
Protection Class: Class I	

Mechanicals	
Case Dimension	L141.2x W55.4x H31.2mm
Input plug type	IEC-320-C14
Cable	UL 1185 # 18AWG , 1750mm
Case Material	UL94-V1

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%