



Q90A-xxxxyyyyy

xxxx Output Voltage
yyyyy Output Current

Features
100-240VAC Universal Input
Meet CEC,Energy Star 3.0 (EPA/DOE--Level VI)
Single Output to 90W Max
3 Years Warranty

Model	O/P Voltage	O/P Current	Watt
Q90A-150006000	15V	6A	90W
Q90A-190004740	19V	4.74A	90W
Q90A-195004620	19.5V	4.62A	90W
Q90A-200004500	20V	4.5A	90W

Input	
Rated Input Voltage	100 - 240V AC
Rated Frequency	50/60 Hz
Steady AC Current	1.5A (Max) Measured at 100Vac input
Inrush Current	less than 50A
Empty loaded wasting	210mW
Efficiency	Meet CEC,Energy Star 3.0 (EPA/DOE--Level VI)

Output	
Power	90W 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

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

Safety Approvals
cTUVus,TUVGS,CB,CE,FCC,CCC

Safety Standards	
LVD	UL60950 IEC60950 EN60950
EMC & EMI	EN55032 EN55024 EN61000-3-2 EN61000-3-3
FCC	EN55032 FCC Part15 Class B

Electrical	
Dielectric Withstand: 3000VAC Primary- Secondary	
Leakage current : 0.25mA max at nominal AC input voltage and frequency	
Protection Class: Class II	

Mechanicals	
Case Dimension	L78 x W78 x H30mm
AC Input	IEC-320-C8
Cable	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%