

90W Industrial Power Supply

Q90A-Wall Mount Type
15-20V Max. 90W



SAFETY APPROVALS CE, FCC

FEATURES

100-240VAC Universal Input
Meet CEC, Energy Star 3.0 (EPA/DOE—Level VI)
UK/EU/US/AU interchangeable AC plugs
3 Years Warranty

Model	O/P Voltage	O/P Current	Watt	Model	O/P Voltage	O/P Current	Watt
Q90A-150006000	15.0V	6A	90W	Q90A-195004620	19.5V	4.62A	90W
Q90A-190004740	19.0V	4.74A	90W	Q90A-200004500	20.0V	4.5A	90W

INPUT CHARACTERISTICS

Rated Input Voltage 100-240V AC
Rated Frequency 50/60Hz
Steady AC Current 1.5A(Max) Measured at 100Vac input
Inrush Current Less than 50A
Empty Loaded Wasting 210mW

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 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
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		Case Dimension	Weight
Cable UL1185 18AWG, 1750mm		L78*W78*H30mm	EU(V) 323g (Ref.)
Case Material UL94-V1			UK(B) 328g (Ref.)
	US(U) 323g (Ref.)		
	AU(S) 323g (Ref.)		