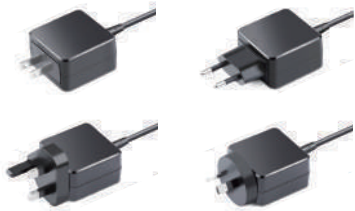


48W Series Power Supply

Q46D-Wall Mount Type
4-24V 4A MAX. 48W



SAFETY APPROVALS | UL, TUVGS, CE, CB, FCC, PSE

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
Q46D-120003000	12.0V	3A	36W	Q46D-180002500	18.0V	2.5A	45W
Q46D-150003000	15.0V	3A	45W	Q46D-190002370	19.0V	2.37A	45W
Q46D-200002250	20.0V	2.25A	45W				

INPUT CHARACTERISTICS

Rated Input Voltage 100-240V AC
 Rated Frequency 50/60Hz
 Steady AC Current 1.1A(Max) Measured at 100Vac input and maximum load
 Inrush Current Less than 50A
 Empty Loaded Wasting 75mW

OUTPUT CHARACTERISTICS

Power 48W 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 II

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

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 20AWG, 1750mm		EU(V)	L96.5*W59.5*H30mm	170g (Ref.)
		UK(B)	L93*W59.5*H30mm	175g (Ref.)
Case Material UL94-V1		US(U)	L75.5*W59.5*H30mm	170g (Ref.)
		AU(S)	L84.8*W59.5*H30mm	170g (Ref.)