

48W Industrial Power Supply

Q45D-Wall Mount Type
4-24V 4A MAX. 48W



SAFETY APPROVALS

UL ,cUL ,CE ,TUVGS ,CB ,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
Q45D-120003000	12.0V	3A	36W	Q45D-190002370	19.0V	2.37A	45W
Q45D-150003000	15.0V	3A	45W	Q45D-200002250	20.0V	2.25A	45W
Q45D-190002100	19.0V	2.1A	45W	Q45D-240002000	24.0V	2A	48W

INPUT CHARACTERISTICS

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

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 ----- 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)

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 UL20276 20AWG, 1750mm		L61.1*W61.3*H30.1mm	EU(V) 214g (Ref.)
Case Material UL94-V1			UK(B) 219g (Ref.)
IEC-320-C8			US(U) 214g (Ref.)
			AU(S) 214g (Ref.)