

48W Series Power Supply

D45C-Desktop Type
8-24V Max. 48W



SAFETY APPROVALS **CE, FCC**

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
D45C 120003000	12.0V	3A	36W
D45C-150003000	15.0V	3A	45W
D45C-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 and maximum load
Inrush Current Less than 50A
Empty Loaded Wasting 100mW

SAFETY STANDARDS

LVD EN60950-1
EMC & EMI EN55032 EN55024 EN61000-3-2
EN61000-3-3
FCC EN55032 FCC Part15 Class B

RELIABILITY ITEMS

Hi-Pot Test AC 3000V1min between
input plug-DC plug
Leakage Current 3.5mA maximum, 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 I

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

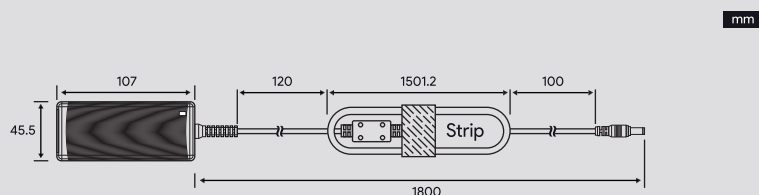
Cable
UL2464#20AWG, 1750mm

Case Material
UL94-V1

IEC-320-C14

Case Dimension

Weight



L107*W45.5*H30.5mm

184g (Ref.)