

# 48W Series Power Supply

**D45C-Desktop Type**  
8-24V 4A 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 ..... 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 ..... 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.)