

# 51W Series Power Supply

**Q69-Wall Mount Type**  
**8-54V 3.6A MAX. 51W**



**SAFETY APPROVALS** | **UL, TUVGS, CE, CB, 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	Model	O/P Voltage	O/P Current	Watt
Q69-090003500	9.0V	3.5A	31.5W	Q69-190002552	19.0V	2.552A	48.5W
Q69-120003600	12.0V	3.6A	43.2W	Q69-240002000	24.0V	2A	48W
Q69-150003080	15.0V	3.08A	46.2W	Q69-480001000	48.0V	1A	48W
Q69-180002694	18.0V	2.694A	48.5W				

## INPUT CHARACTERISTICS

Rated Input Voltage ..... 100-240V AC  
 Rated Frequency ..... 50/60Hz  
 Steady AC Current ..... 1.3A(Max) Measured at 100Vac input and maximum load  
 Inrush Current ..... Less than 80A  
 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 ..... 0.25mA max at nominal AC input voltage and frequency  
 Temperature Rise ..... Case surface rise 95°C or less

## OUTPUT CHARACTERISTICS

Power ..... 51W 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		Case Dimension	Weight
Cable UL1185 18AWG, 1750mm		EU(V)	L98*W88.7* H33.8mm 196g (Ref.)
Case Material UL94-V1		UK(B)	L101.2*W84.7* H33.8mm 201g (Ref.)
		US(U)	L98*W82.6* H33.8mm 196g (Ref.)