

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

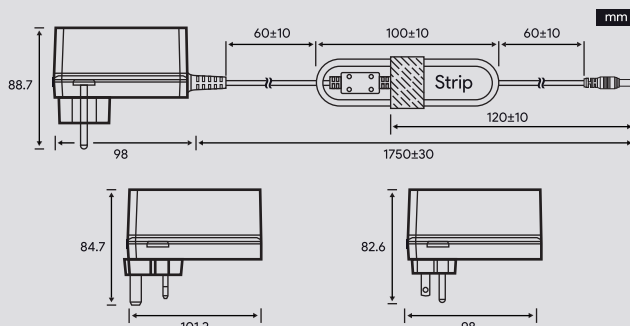
ENVIRONMENTAL

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

Cable
UL1185
18AWG,
1750mm

Case Material
UL94-V1



Case Dimension

Weight

EU(V)	L98*W88.7* H33.8mm	196g (Ref.)
UK(B)	L101.2*W84.7* H33.8mm	201g (Ref.)
US(U)	L98*W82.6* H33.8mm	196g (Ref.)