

# Scooter & E-Bike Power Supply

A159B1-Desktop Type  
24-63V 2A MAX. 84W



SAFETY APPROVALS CE, FCC, UKCA

## 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
A159B1-420002000	42.0V	2A	84W	A159B1-630001100	63.0V	1.1A	69.3W

## INPUT CHARACTERISTICS

Rated Input Voltage ..... 100-240V AC  
 Rated Frequency ..... 50/60Hz  
 Steady AC Current ..... 2A(Max) Measured at 100Vac input and maximum load  
 Inrush Current ..... Less than 80A  
 Empty Loaded Wasting ..... 150mW

## OUTPUT CHARACTERISTICS

Power ..... 84W 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)

## SAFETY STANDARDS

LVD ..... EN60335-1  
 EMC & EMI ..... EN55014-1 EN55014-2  
 EN61000-3-2 EN61000-3-3

## PROTECTION

Over Voltage Protection ..... Auto Recovery  
 Short Circuit Protection ..... Auto Recovery  
 Over Current Protection ..... Auto Recovery  
 Protection Class ..... Class I

## RELIABILITY ITEMS

Hi-Pot Test ..... AC 3000V1min between input plug-DC plug  
 Leakage Current ..... 3.5mA max at nominal AC input voltage and frequency  
 Temperature Rise ..... Case surface rise 95°C or less

## 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	IEC-320-C6	Case Dimension	Weight
			L127.5*W51.5*H32mm	353g (Ref.)