

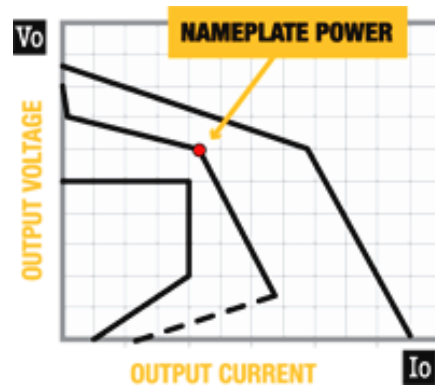
PLA03A



PLA03A Wall Plug Adapter
3.0 W Linear Replacement

Dimensions

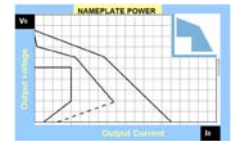
Length: 58.5mm (2.3in)
Height: 28mm (1.1in)
Width: 35mm (1.38in)
Weight: 75g (2.65oz)



Model	Nameplate Voltage	Current
PLA03A-050	5V	0.6A
PLA03A-090	9V	0.33A
PLA03A-120	12V	0.25A



3.0 Watt – Unregulated Wall Plug PLA03A Linear Replacement



Features

- EISA Level IV Compliant
- 90 – 264 VAC Input Range
- High Efficiency
- Light Weight
- Lower Cost than Regulated
- Zero Minimum Load
- Double Insulated

Applications

- Wireless Communications
- Cordless Head Set
- Blue Tooth Device Charger
- Cell Phone

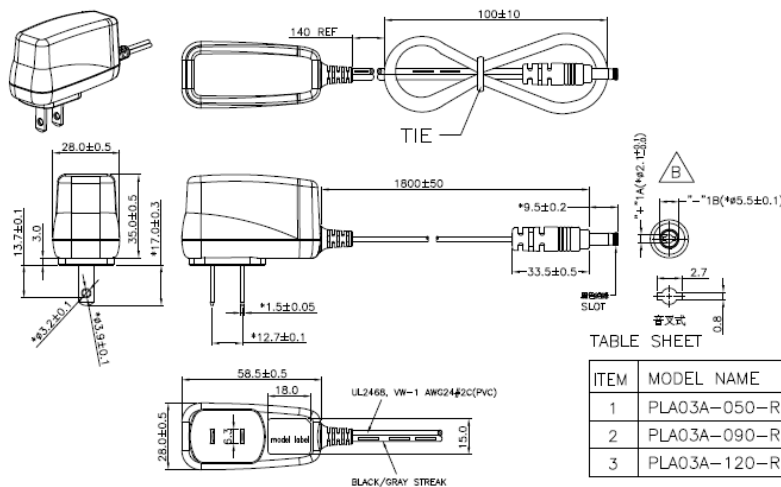
Safety Approvals

- UL / cUL 60950-1

Mechanical Characteristics

- Length: 58.5 mm (2.3 in)
- Width: 28 mm (1.1 in)
- Height: 35 mm (1.38 in)
- Weight: 75 g (2.65 oz)

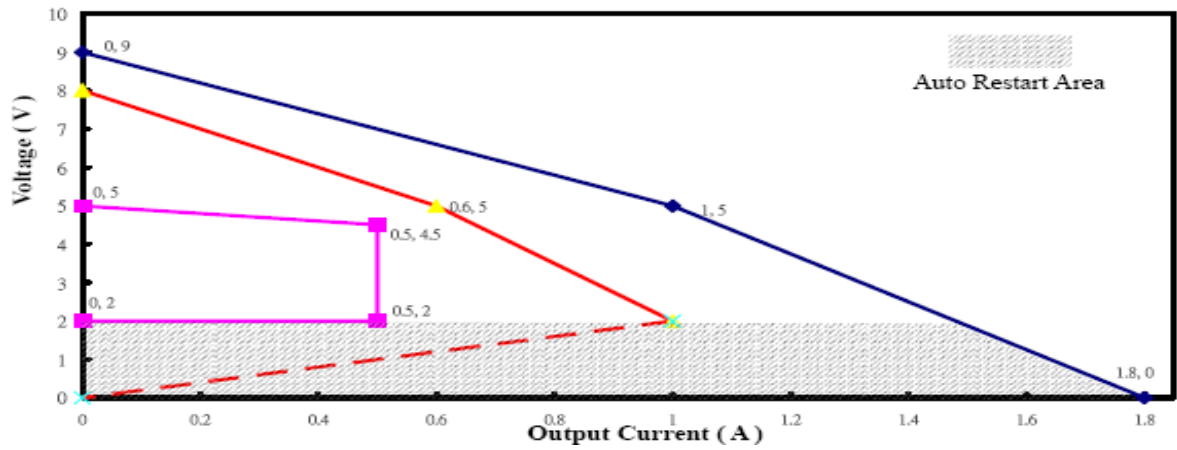
Dimension Diagram Unit: mm (inch)



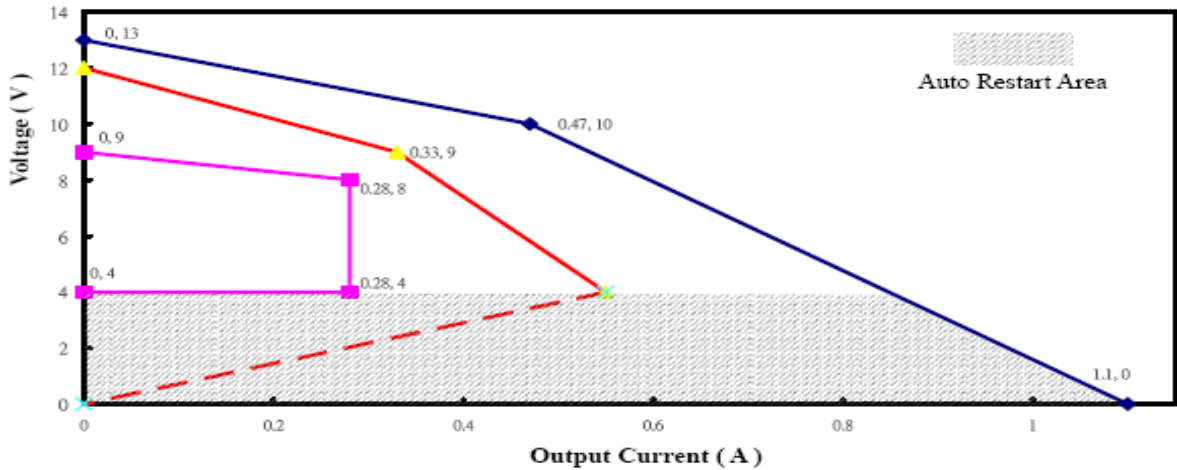
Output Voltage / Current Characteristics Curve

Model	Nameplate Voltage
PLA03A-050-R	5.0 V
PLA03A-090-R	9.0 V
PLA03A-120-R	12.0 V

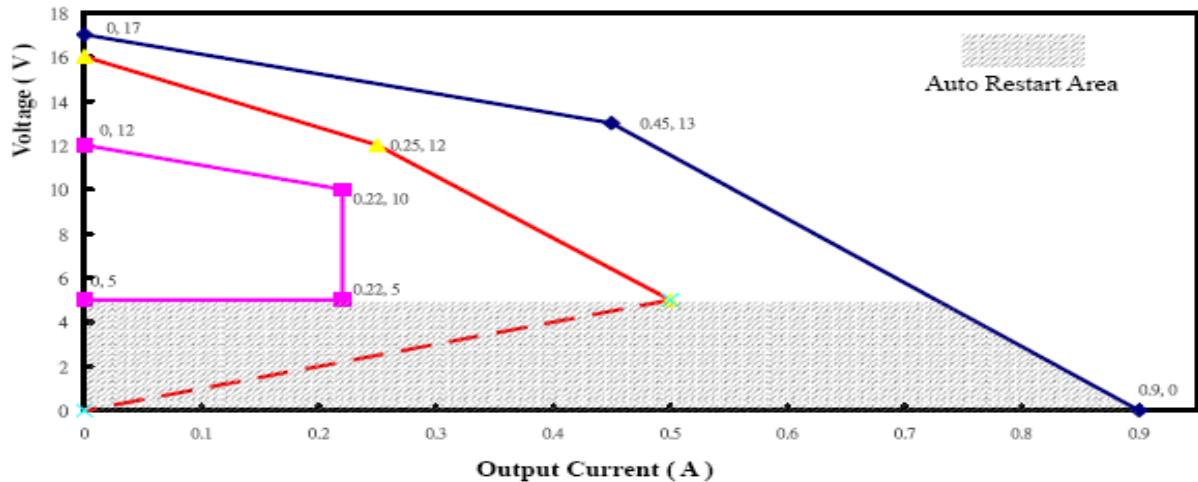
PLA03A-050-R



PLA03A-090-R



PLA03A-120-R



PLA03A Characteristics

INPUT:

AC Input Voltage Range

90 to 264VAC

AC Inrush Current

40A max @ 240VAC, 25°C

Input Power Saving

<0.3W max @ 120/240VAC, no load

California Energy Commission Compliant,
Level IV

Efficiency

≥ 59.9%

OUTPUT:

Ripple (1)

250 mVp-p

Over Voltage Protection

5VDC: OVP shall not exceed 15V Max

9VDC: OVP shall not exceed 18V Max

12VDC: OVP shall not exceed 24V Max

Short Circuit Protection

Auto Recovery

ENVIRONMENTAL:

Operation Temperature (Convection)

0°C ~ 40°C

Storage Temperature

-40°C ~ 85°C

Humidity

90% RH Max

Emissions

FCC Class B

EN55022 class B

Immunity

EN61000-4-2, Level 3

EN61000-4-5, Level 3

General

Leakage Current

≤ 10 uA max

Dielectric Withstand (Hi-pot)

3KVAC, Primary to Secondary

MTBF (Full Load, 25°C)

100K Hrs. min. at max load, 25°C ambient and
120VAC

DC Output Connector

2.1 mm x 5.5 mm Center Positive

AC Input Clip

Fixed US blade

Note: (1) Measured after 10 minutes with by-pass capacitors 0.1uf / 10uf at output connector terminal and oscilloscope set at 20 MHz.