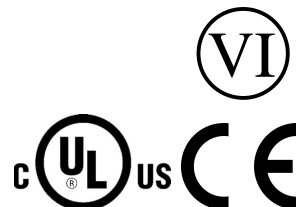




65 Watt Power Delivery 3.0 Desktop Adapter with USB-C Plug



Features

- Power Delivery 3.0
- USB-C
- Limited Power Source (LPS)
- DOE Level VI, CoC V5 Tier 2
- OVP, OCP, OTP and Short Circuit Protections
- Class B EMI

Applications

- Mobile Phone
- Tablet
- Notebook
- Networking Devices
- Monitor

Safety Approvals (Preliminary)

- UL/cUL 62368-1
- CB IEC 62368-1
- CE

Mechanical Characteristics

- Length: 92mm (3.62in)
- Width: 48mm (1.89in)
- Height: 29.5mm (1.16in)

Output Specifications

Model	DC Output Voltage	Current Rating	Ripple ¹ P-P (max.)	Input Connector
AA65M-59FKA-R	5V/9V/15V/20V	3A/3A/3A/3.25A	200mV	IEC60320-C6
AA65W-59FKA-R	5V/9V/15V/20V	3A/3A/3A/3.25A	200mV	IEC60320-C8

Notes:

1. Measures at the end of 100m ohm cable. Measurements shall be made with an oscilloscope with 20MHz Bandwidth. Outputs should be bypassed at a connector with a 0.1uF ceramic capacitor and a 10uF electrolytic capacitor (Low ESR).

Input:**AC Input Voltage Rating**

100 to 240VAC

AC Input Voltage Range

90 to 264VAC

AC Input Frequency

47 to 63Hz

Input Current

1.5A (RMS) max at 100VAC

Leakage Current

100uA max at 240VAC/50Hz

Input Power Saving

<75mW max @230VAC

Output:**Efficiency²**

US DOE Level VI

CoC V5 Tier 2

Environmental:**Temperature**

Operation 0°C to +40°C

Non-operation -30°C to +85°C

Humidity 90% RH max

DC Output Connector

USB Type C

Emissions

Complies with FCC Class B

Complies with EN55032 Class B

Immunity

EN61000-4-2:

Contact ± 8KV, Criteria B

Air ± 15KV, Criteria B

EN61000-4-3

EN61000-4-4

EN61000-4-5

EN61000-4-6

EN61000-4-8

EN61000-4-11

EN61000-3-3

Hold-up Time

8.3mS min at 120VAC/60Hz, max load

Over-Voltage Protection

Auto recover. 130% max

Over-Temperature Protection

Latch off function. No damage.

Over-Current Protection

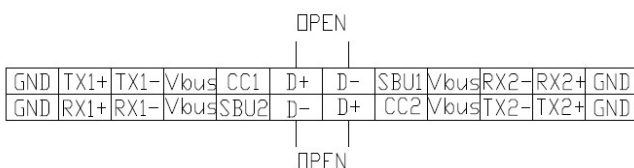
Auto recover. Trigger point <130%

Short-Circuit Protection

Auto Recover. The output can be shorted permanently without damage

Dielectric Withstand (Hi-pot) Test

Pri. to Sec. 3000VAC for 1 min., 2mA

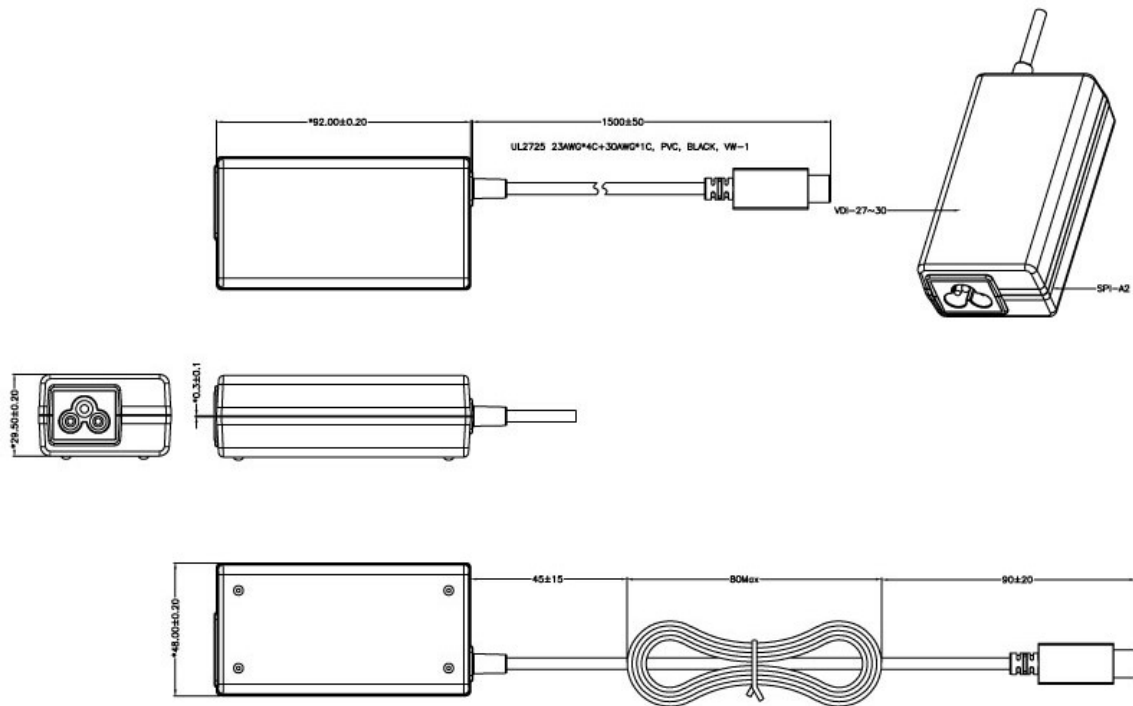
**Notes:**

1. The characteristics defined are at ambient temperature of 25°C unless otherwise specified
2. Efficiency is measured after 30 minutes burn-in

AA65M-59FKA-R Dimension Diagram Unit: mm

AA65M-59FKA-R

Dimension Diagram Unit: mm

AA65W-59FKA-R Dimension Diagram Unit: mmAA65W-59FKA-R Dimension Diagram Unit: mm