

Features

- USB Type-C
- DOE Level VI, CoC V5Tier 2
- Class B EMI
- Limited Power Source (LPS)
- Voltage Drop Compensation
- Complies with USB Battery Charging 1.2
- Over Voltage and Short Circuit Protections

Applications

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

Safety Approvals (Preliminary)

- cUL/UL 60950-1¹
- CB IEC60950-1
- cUL/UL 62368-1¹
- CE²

Mechanical Characteristics

- Length: 52mm (2.05in)
- Width: 40mm (1.57in)
- Height: 23.3mm (0.92in)

Output Specifications

Model	Prong Style	Case Color	Output Power	Output Voltage	Current Rating	Ripple ³ P-P (max.)
AQ15A-050A-H	US	Black	15W	5V	3A	150mV
AQ15A-050AW-H	US	White	15W	5V	3A	150mV
AQ15E-050A-H	EU	Black	15W	5V	3A	150mV
AQ15E-050AW-H	EU	White	15W	5V	3A	150mV

Input:

AC Input Voltage Rating

100 to 240V AC

AC Input Voltage Range

90 to 264V AC

AC Input Frequency

47 to 63Hz

Input Current

0.5A (RMS) maximum at 100Vac

Leakage Current

20uA Max.

Inrush Current

60A max @240V (Cold start)

Input Power Saving

<75mW @115VAC/230VAC

Output:

Efficiency²

US DOE Level VI

CoC V5 Tier 2

Environmental:

Temperature

Operation 0 to +40°C

Non-operation -40 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, Level 4

EN61000-4-5

Hold-up Time

10mS minimum at 115V/60Hz &

230Vac/50Hz max load

Over-Voltage Protection

Output voltage shall not exceed 9V

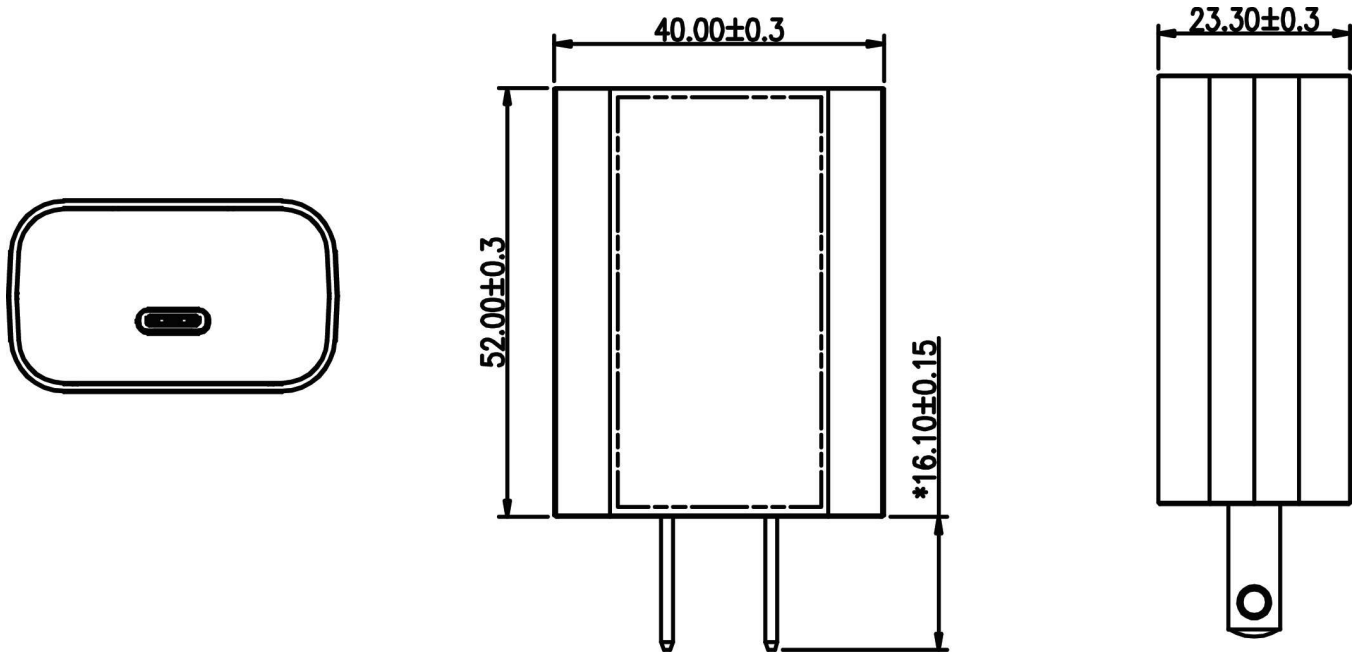
Short-Circuit Protection

Auto Recover

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000V AC for 1 min., 10mA

AQ15A-050A-H Dimension Diagram Unit: mm



AQ15E-050A-H Dimension Diagram Unit: mm

