

OKdo Multihead 65W Dual Port Power Supply 243-6357



Product Details

The OKdo 65W Power Supply (PSU) provides two output ports for the widest compatibility with today's electronics. The PSU is compatible with the USB Power Delivery (PD) and Qualcomm® Quick Charge™ (QC) standards to offer fast charging capabilities while remaining backwards compatible with legacy 5V USB products.

The multihead PSU comes with an inbuilt USA 2 pin plug and three international heads including UK, Europe and Australia.

Use the power supply to quickly charge mobile phones, laptops, power monitors, Single Board Computers (SBC), quickly charge power banks and more.

Equipped with both traditional USB Type-A and USB Type-C™

allows users to continue using existing cables while migrating to type-C to type-C cables which are growing with popularity. Note that the USB-A port can operate up to 12V which is ideal for many SBCs while the USB-C™ port can negotiate up to 20V where required.



Features and Benefits

- USB PD and QC compatible
- USB-A port output supports 5.0V 3A, 9.0V 2A, 12V 1.5A
- USB-C port output supports 5.0V 3A, 9.0V 3A, 12V 3A, 15V 3A, 20V 2.25A
- Total 65W max output power
- Efficiency level VI

Package Contents

USB PSU with USA connector	X 1
EU head	X 1
UK head	X 1
AUS head	X 1

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Technical Specifications

Output

Output voltage range	5V – 20V as negotiated
Rated output power	65W
Ripple & noise	Measurement is conducted using a 20MHz bandwidth oscilloscope and the output paralleled with a 0.1uF ceramic capacitor and a 47uF electrolytic capacitor. 250mVp-p
Rise time	100ms max at 100Vac input and output max load
Turn-on delay	3 second max at 100Vac input and output max load
Short circuit protection	Yes
Overcurrent protection	Yes
Over temperature protection	Yes (Internal limit below 105°C)
Output ports	1x USB-A, 1x USB-C
Overshoot	<=10% during power supply switched on/off

Combined load/line regulation

	Voltage	Min. Load	Max Load	Load Regulation	Unloaded output voltage
TYPE-C	+5V	0A	3A	4.75V-5.5V	4.75V-5.25V
TYPE-C	+9V	0A	3A	8.55V-9.45V	8.55V-9.45V
TYPE-C	+12V	0A	3A	11.4V-12.6V	11.4V-12.6V
TYPE-C	+15V	0A	3A	14.25V-15.75V	14.25V-15.75V
TYPE-C	+20V	0A	3.25A	19V-21V	19V-21V
USB-A	+5V	0A	3A	4.75V-5.25V	4.75V-5.25V
USB-A	+9V	0A	2.0A	8.55V-9.45V	8.55V-9.45V
USB-A	+12V	0A	1.5A	11.40V-12.60V	11.40V-12.60

Dual port usage

TYPE-C	+5V	0A	3A	4.75V-5.25V	4.75V-5.25V
TYPE-C	+9V	0A	3A	8.55V-9.45V	8.55V-9.45V
TYPE-C	+12V	0A	3A	11.40V-12.60V	11.40V-12.60V
TYPE-C	+15V	0A	3A	14.25V-15.75V	14.25V-15.75V
TYPE-C	+20V	0A	2.25A	19.00V-21.00V	19.00V-21.00V
USB-A	+5V	0A	3A	4.75V-5.25V	4.75V-5.25V
USB-A	+9V	0A	2.0A	8.55V-9.45V	8.55V-9.45V
USB-A	+12V	0A	1.5A	11.40V-12.60V	11.40V-12.60

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Input

Input voltage	Rated: 100 – 240 Vac, Variable 90V-264Vac
Frequency	50/60Hz, tolerance 47-63Hz
Current	1.5A max
Power consumption (no load)	0.3W max
Inrush current	60A max cold start at 240Vac input, with rated load at 25C ambient
AC leakage current	0.25mA max at 240Vac input

Environment

Operating ambient temperature	0°C ~ +40°C full load, normal operation
Storage temperature	-20°C ~ +70°C
Relative humidity	5%(0°C) ~ 90%(40°C) Full load, normal operation
Weight	127g ±20g
Volume	L67.8mm x W57mm x H30.6mm

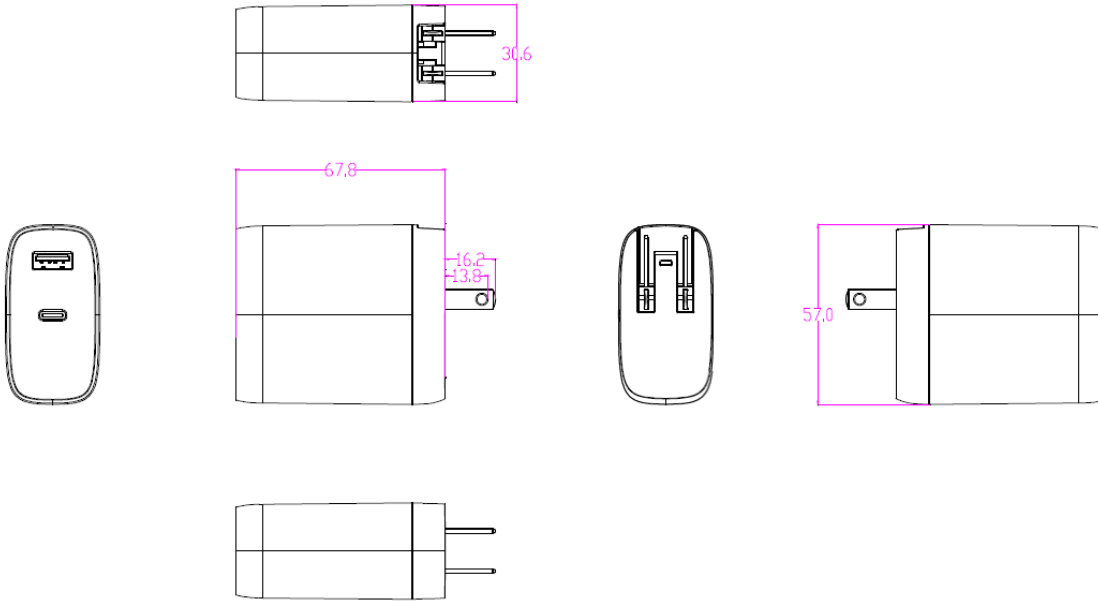
Approvals

REACH CA65	Yes
IEC60950-1	Yes
GB4943.1	Yes

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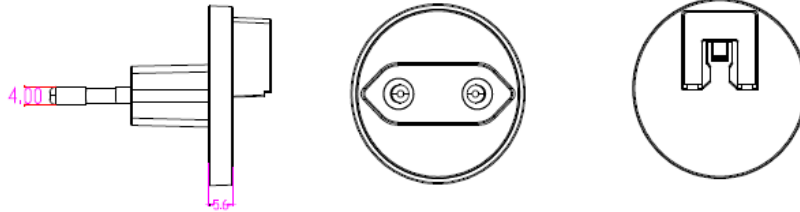
Technical Drawings



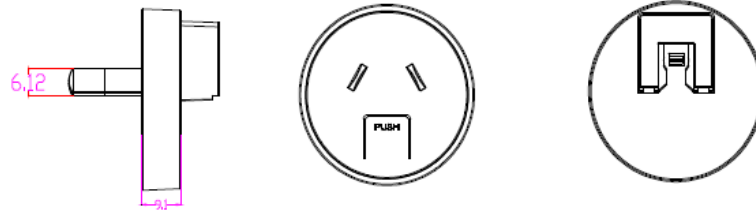
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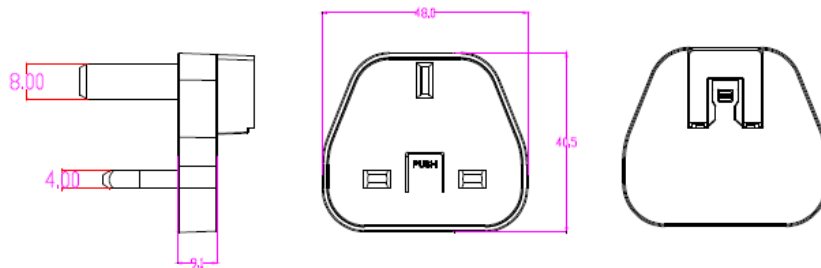
CE



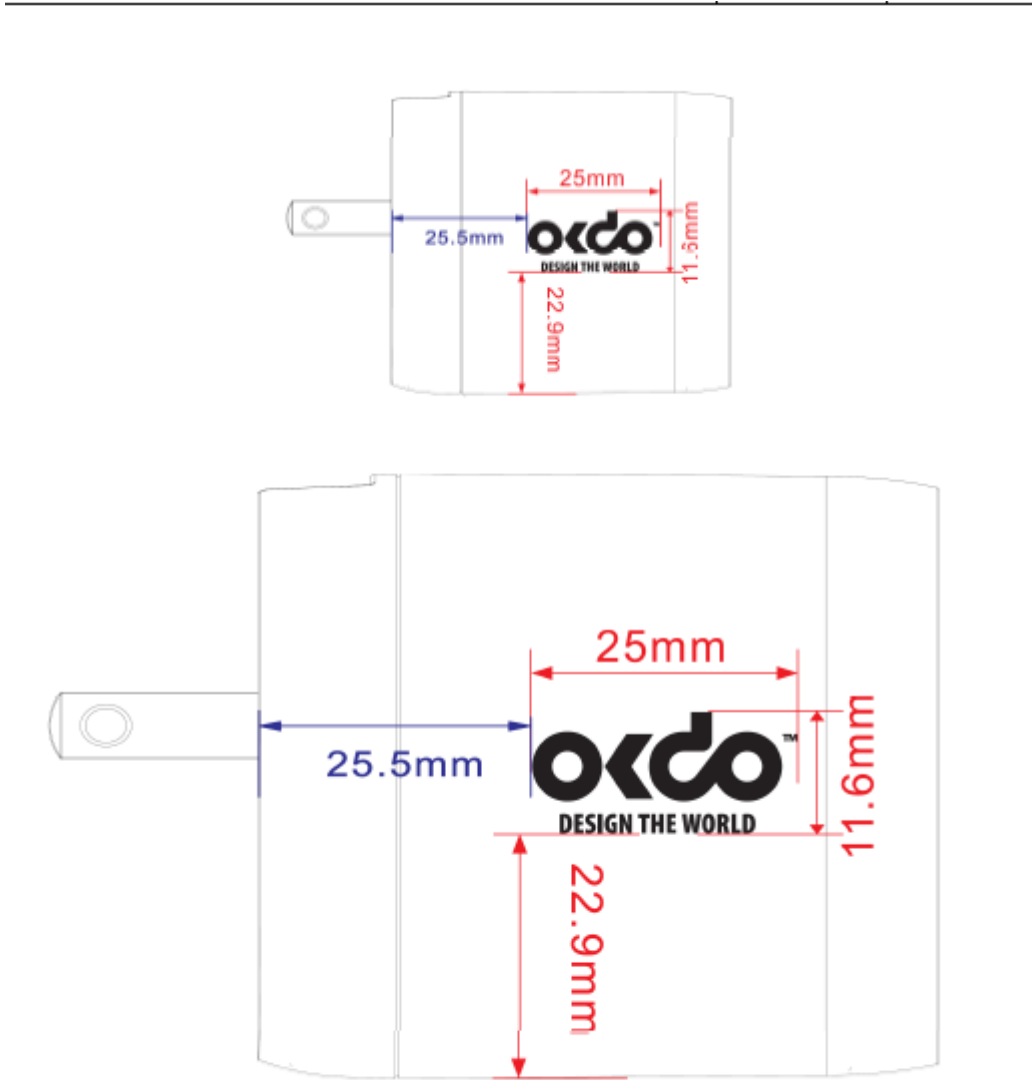
SAA



BS



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备注/Note:
1. 尺寸/Size: (W) 25mm \pm 0.2mm (H) 11.6 \pm 0.2mm

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