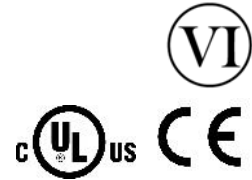




## 65 Watt Desktop C14 Adapter Series



### Features

- DOE Level VI Efficiency Compliant
- EU CoC Tier 2 Compliant
- Non-vented/Spill-proof Case
- Class B EMI

### Applications

- Networking
- Peripherals
- Industrial
- Test and Measurement

### Safety Compliance

- UL/IEC62368-1

### Mechanical Characteristics

- Length: 115mm (4.53in)
- Width: 53mm (2.09in)
- Height: 38mm (1.50in)
- Weight: 310g (10.93 oz)

### Output Specifications

Model	Output Voltage	Max Current	Output Power	Regulation	Ripple & Noise <sup>1</sup> p-p(max)
PPL65U-120	12V	5A	60W	± 5 %	120mV
PPL65U-135	13.5	4.82A	65W	± 5 %	135mV
PPL65U-150	15V	4.34A	65W	± 5 %	150mV
PPL65U-160	16V	4.07A	65W	± 5 %	160mV
PPL65U-180	18V	3.62A	65W	± 5 %	180mV
PPL65U-190	19V	3.43A	65W	± 5 %	190mV
PPL65U-200	20V	3.25A	65W	± 5 %	200mV
PPL65U-240	24V	2.71A	65W	± 5 %	240mV
PPL65U-300	30V	2.17A	65W	± 5 %	300mV
PPL65U-320	32V	2.04A	65W	± 5 %	320mV
PPL65U-480	48V	1.36A	65W	± 5 %	480mV
PPL65U-560	56V	1.17A	65W	± 5 %	560mV

Notes: 1. 20MHz bandwidth frequency oscilloscope, add a 0.1µF multilayer Cap. and Low ESR Electrolytic Cap. (10µF) at output connector terminals (nominal line voltage, full load)

**Input:****AC Input Voltage Rating**

100 to 240VAC

**AC Input Voltage Range**

90 to 264VAC

**AC Input Frequency**

50 to 60Hz

**Input Current**

1.4A max.

**Leakage Current**

&lt;3.5mA

**Inrush Current**

80A max/240VAC

(Cold Start at ambient 25°C, full load)

**Input Power Saving**

≤0.15W at 230VAC, no load

**OUTPUT:****Efficiency<sup>2</sup>**

DOE Level VI

CoC V5 Tier 2

**Over-Voltage Protection**

V out 150% max

**Short-Circuit Protection**

Auto-recover after short-circuit fault being removed

**Over-Current Protection**

I out 180% max

**ENVIRONMENTAL****Temperature**

Operating 0°C to + 40°C

Non-operating -20°C to +80°C

Operating Humidity 20°C to 80%

**Emissions**

Complies with FCC Class B

Complies with EN55032 Class B

**Dielectric Withstand (Hi-Pot) Test**Primary to Secondary: 3000VAC for 1 min,  
10mAPrimary to Frame Ground: 1500VAC for 1  
min, 10mA**Insulation Resistance**

Primary to Secondary: 10M ohm for 500VDC

Primary to Frame Ground: 10M ohm for  
500VDC**DC Cable Length**

1500MM

**DC Cable Type**

16AWG – 12V, 13.5V, 15V, 16V

18AWG – 18V, 19V, 20V, 24V, 30V, 32V

22AWG – 48V, 56V

**DC Output Connector**

2.1mm x 5.5mm x 10mm

**DC Plug pin assignment**

Inner (+V)

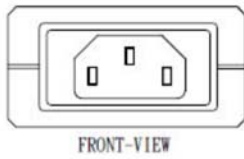
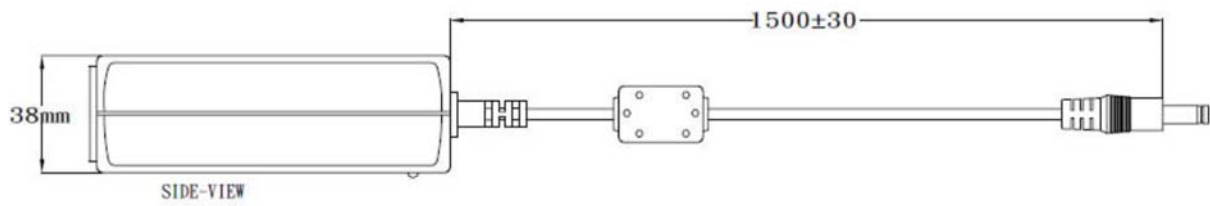
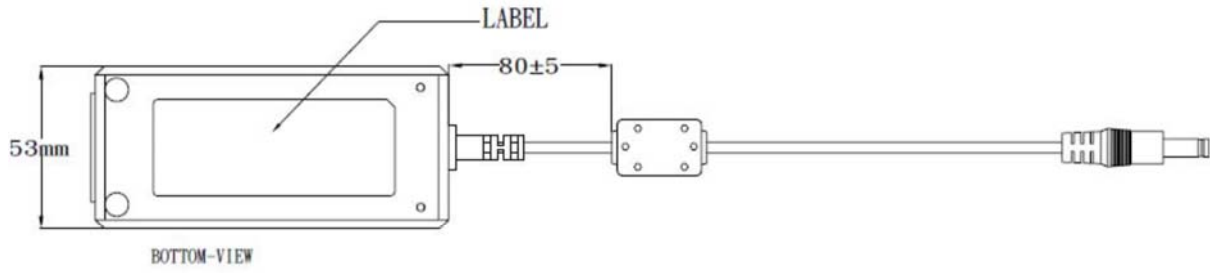
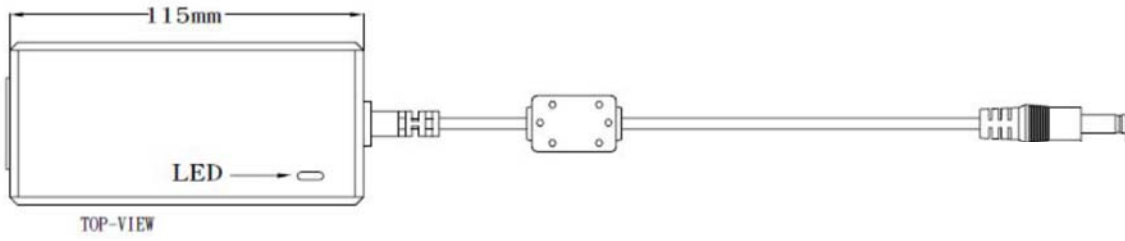
Outer GND (-)

**Input Connector**

IEC60320-C14

**Notes:**

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



**Supplier's Declaration of Conformity**  
**47 CFR § 2.1077 Compliance Information**

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NOTE: This model has/The models in this product series have been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to equipment not expressly approved by PHIHONG could void the user's authority to operate the equipment.