



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



Features

- Power Delivery 3.0
- USB-C
- US DoE Level VI Efficiency Compliance
- Ecodesign/ErP Lot 7 (EU) 2019/1782 Compliance
- EU CoC Ver 5 Tier 2 Compliance
- OVP, OCP, OTP, Short Circuit Protections
- Class B EMI
- Limited Power Source(LPS)

Applications

- Mobile Phone
- Tablet
- Networking Device
- Monitor
- Notebook



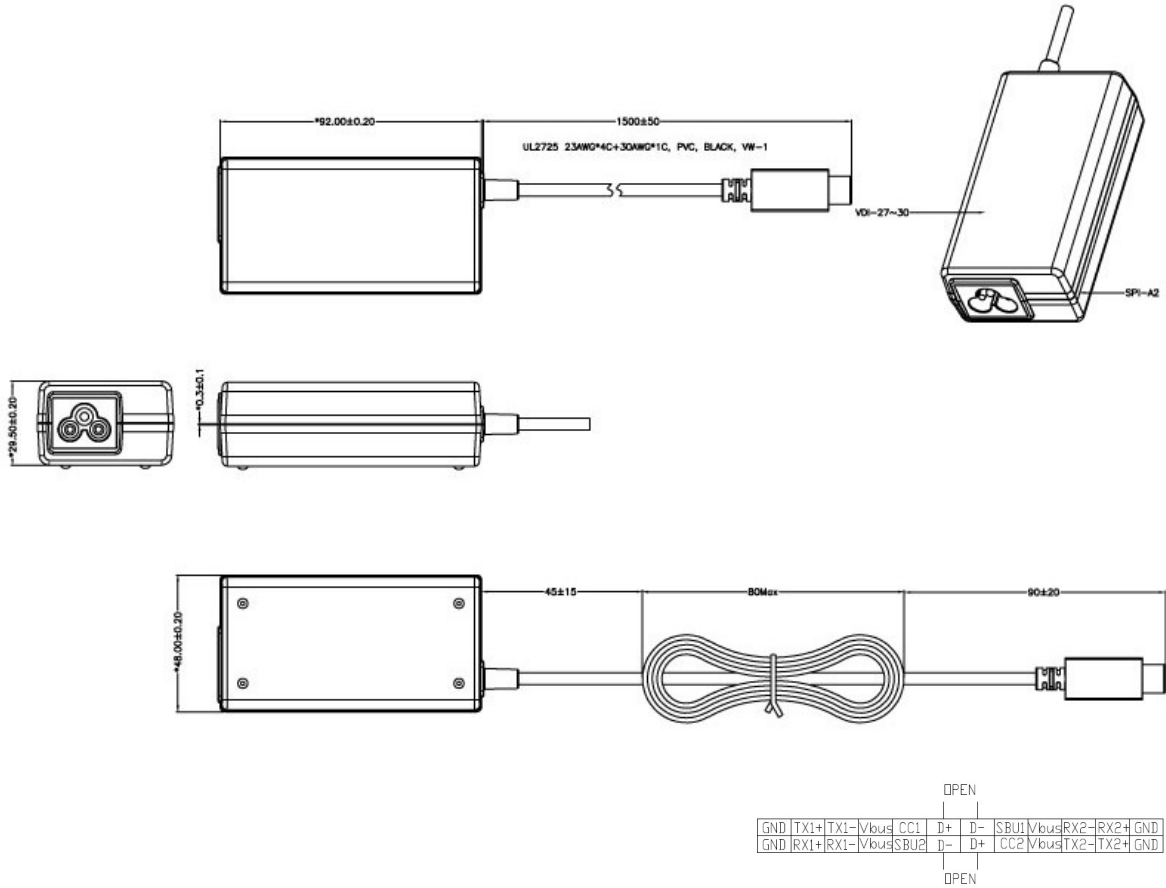


AA65 Series Specifications¹

Model		AA65M-59FKA-R	AA65W-59FKA-R
Output	DC Output Voltage	5.0V/9.0V/15.0V/20.0V	
	Max Current	3.0A/3.0A/3.0A/3.25A	
	Output Power	15.0W/27.0W/45.0W/65.0W	
	Regulation	± 5%	
	Ripple & Noise P-P(max) ²	200mV	
Input	AC Input Voltage Range	90 to 264VAC	
	AC Input Frequency	47 to 63Hz	
	Input Current	1.5A (RMS) max at 100VAC	
	No Load Power Consumption at 115VAC Input	0.0339W	
	No Load Power Consumption at 230VAC Input	0.0619W	
	115VAC Average Efficiency ³	5V: 87.51%, 9V: 90.80%, 15V: 91.6%, 20V: 90.888%	
	230VAC Average Efficiency ³	5V: 85.529%, 9V: 89.86%, 15V: 91.67%, 20V: 90.407%	
	230VAC 10% Load Efficiency ³	5V: 84.263%, 9V: 90.57%, 15V: 89.71%, 20V: 83.8175%	
	Leakage Current	100uA max at 240VAC/50Hz	
Protection	Over-Voltage	Auto recover. 130% max	
	Short Circuit	Auto recover. Output can be shorted permanently without damage.	
	Over-Current	Auto recover. Trigger point <130%	
Environmental	Operating Temperature	0°C to +40°C	
	Non-Operating Temperature	-30° to +85°C	
	Operating Humidity	90% RH max	
Safety Approvals and EMC	Dielectric Withstand (HI-POT)	Primary to Secondary: 3000VAC for 1min, 2mA	
	Insulation Resistance	Primary to Secondary: >100M ohm for 500VDC	
	Standards	cULus 62368-1, IEC 62368-1	
	EMI Emissions	FCC Part 15 Class B, CAN ICES-003(B)/NMB-003(B), EN 55032/CISPR 32 Class B Conducted and Radiated	
	Harmonic Current Emissions	IEC 61000-3-2	
	Voltage Fluctuations & Flicker	IEC 61000-3-3	
	Immunity	EN 55024/CISPR 24: IEC 61000-4-2 (+/- 15kV air, +/- 8kV contact), IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5 (+/-1kV L-L, +/-2kV L-G), IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11	
Mechanical	Dimensions (L x W x H)	92.0mm (3.62in) x 48.0mm (1.89in) x 29.5mm (1.16in)	
	Cable Length	1500mm	
	DC Output Connector	USB Type C	
	Input Connector	IEC 60320 C6	IEC 60320 C8
Notes	<ol style="list-style-type: none"> The specifications defined are at ambient temperature of 25C, unless otherwise specified. 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). Efficiency is measured after 30 minutes burn-in. 		

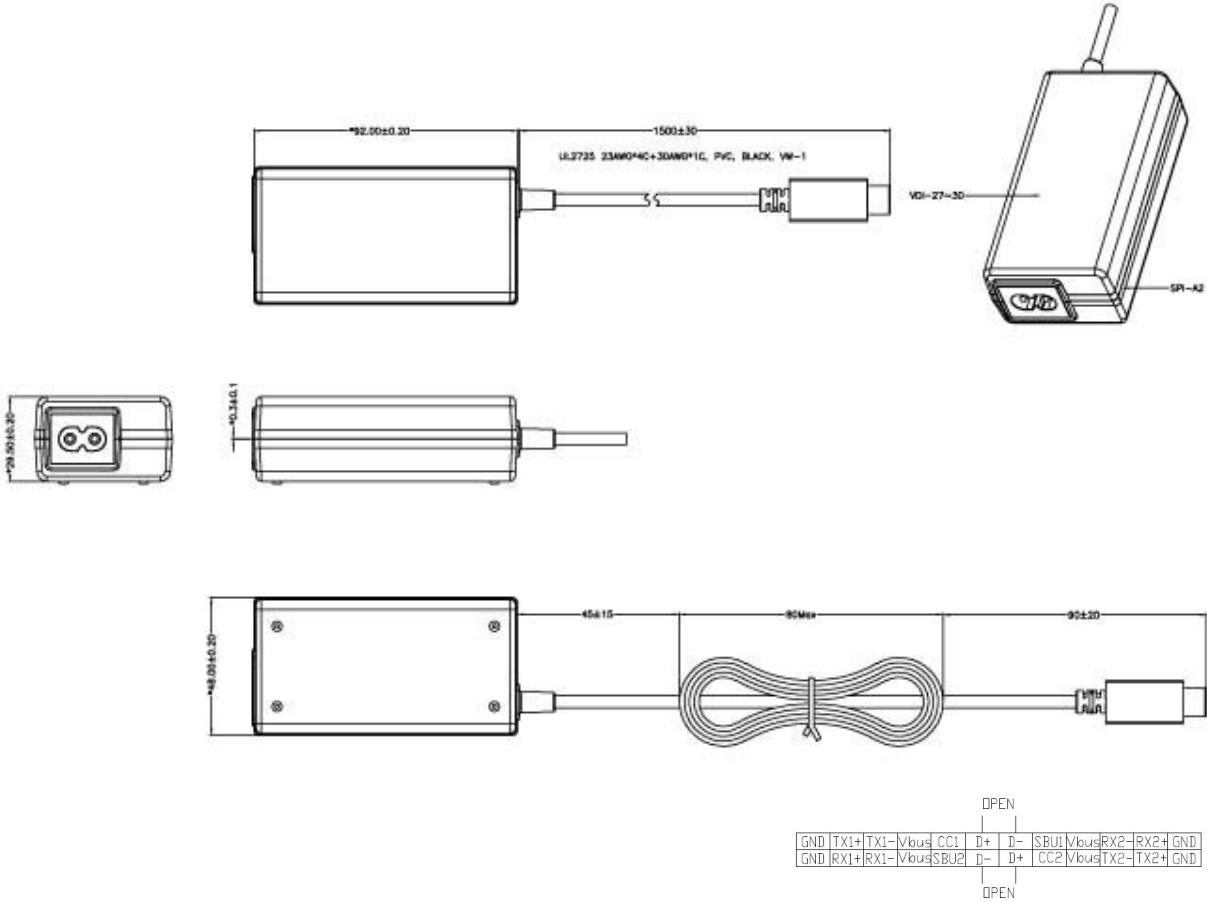


AA65M-59FKA-R Outline Drawing





AA65W-59FKA-R Outline Drawing



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

Phihong USA Corporation
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Fremont, CA 94538
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www.phihong.com




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.



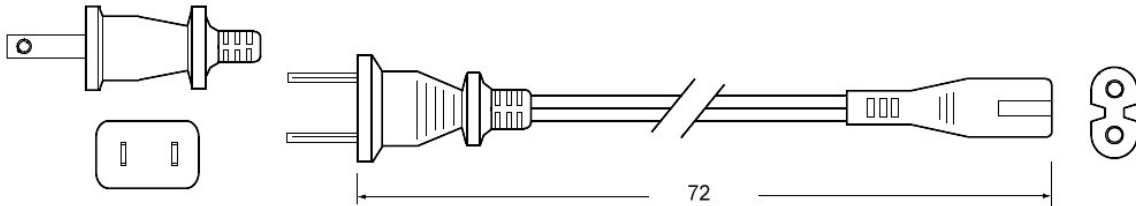
Line Cords - Sold Separately

Model		AC15WNA-R	AC15WEU-R	AC15WUK-R
Specifications	Plug Type	North America NEMA 1-15P	Continental Europe CEE 7XVI	United Kingdom BS 1363
	Connector	IEC320 C7	IEC320 C7	IEC320 C7
	Wire Size	18 AWG	0.75mm	0.75mm
	Temperature	60°C	70°C	70 °C
	Amperage Rating	10A	2.5A	5A
	Voltage Rating	125V	250V	250V
	Cable Length	72mm	1830mm	1830mm
Safety Approvals		CSA; UL	CEBEC; DEMKO; DVE; FIMKO; GOST; IMQ; KEMA; NEMKO; NF; OVE; SEMKO; SEV	BSI; Safety Mark
Photos				

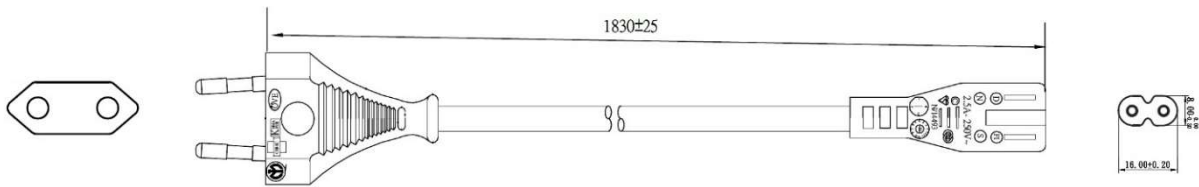


Line Cords - Outline Drawings

AC15WNA-R



AC15WEU-R



AC15WUK-R

