



Single Port 15.4W Power-over-Ethernet Passive Power Injector



Features

- No Detection – passive injector
- Non-Vented Case
- Gigabit Data Rates
- DoE Level VI Compliant
- ErP/Ecodesign Directive 2009/125/EC – Regulation EU 2019/1782 Compliant
- Small Case Size
- Full Protection OCP, OVP
- Low Cost
- 1-year Warranty

Applications

- IP telephones
- Wireless Network Access Points
- Security Cameras



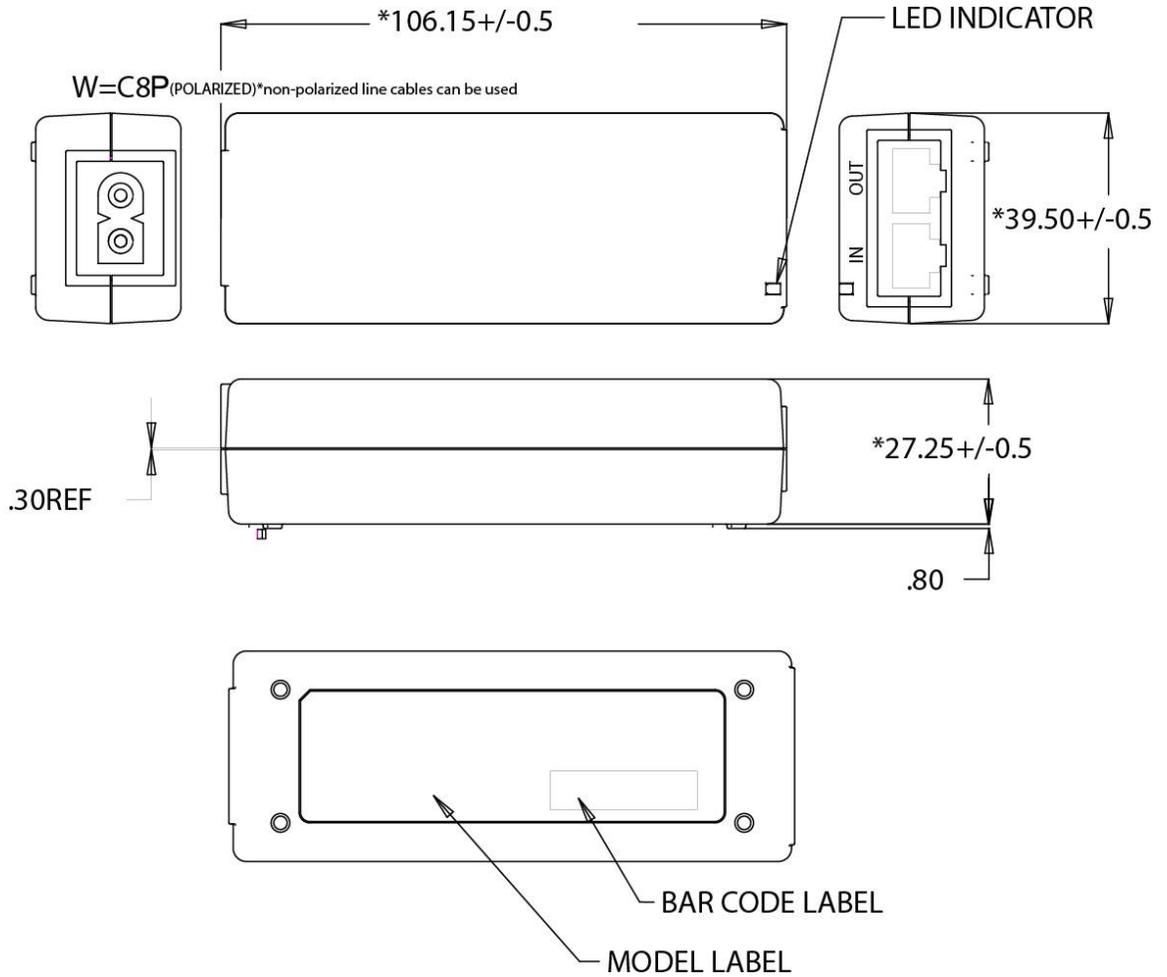
POE15W-560 Specifications¹

Model		POE15W-560-R ²
Output	DC Output Voltage	56.0V
	Max Current	0.275A
	Output Power	15.4W
	Data Speed	1G
	Regulation	±5%
	Ripple & Noise P-P(max) ³	200mV
Input	AC Input Voltage Range	90 to 264VAC
	AC Input Frequency	47 to 63Hz
	Input Current	0.5A (RMS) max for 90VAC, 0.35A (RMS) max for 240VAC
	No Load Power Consumption at 115VAC Input	≤ 0.1W
	No Load Power Consumption at 230VAC Input	≤ 0.075W
	115VAC Average Efficiency ⁵	≥ 84.26%
	230VAC Average Efficiency ⁵	≥ 81.72%
	230VAC 10% Load Efficiency ⁵	≥ 71.72%
Leakage Current	0.25mA max for 254VAC/50Hz	
Protections	Over-Voltage	≤120V, Latching
	Over-Current	≤400mA
	Short Circuit	Continuous. No damage.
Environmental	Operating Temperature	-20°C to +50°C
	Non-Operating Temperature	-25° to +75°C
	Operating Humidity	5 to 90% RH max
Safety Approvals and EMC	Dielectric Withstand (HI-POT)	Primary to Secondary: 4242VDC for 1 sec, 10mA
	Insulation Resistance	Primary to Secondary: >10M ohm for 500VDC
	Standards	cULus 60950-1, cULus 62368-1, IEC 60950-1, 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 55035/CISPR 35: IEC 61000-4-2 (Contact: ±4KV, Air: ±8KV), IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5 (± 2kV), IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11
Mechanical	Dimensions (L x W x H)	106.2mm (4.18in) x 40.0mm (1.56in) x 27.3mm (1.07in)
	Weight	100g
	Input Connector	IEC320 C8
	Output Connection	+pins 3,6/ -pins 1,2
	Data In/Output Connector	Unshielded RJ45
	LED Indicators	Solid Blue: Power "ON"
Notes	<ol style="list-style-type: none"> The specifications defined are at ambient temperature of 25°C, unless otherwise specified. Consult factory for availability 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. 	

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POE15W-560 Outline Drawing





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

Phihong USA Corporation
47800 Fremont Boulevard
Fremont, CA 94538
Telephone: (510) 445-0100
www.phihong.com

This device complies with/The devices in this product series comply with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



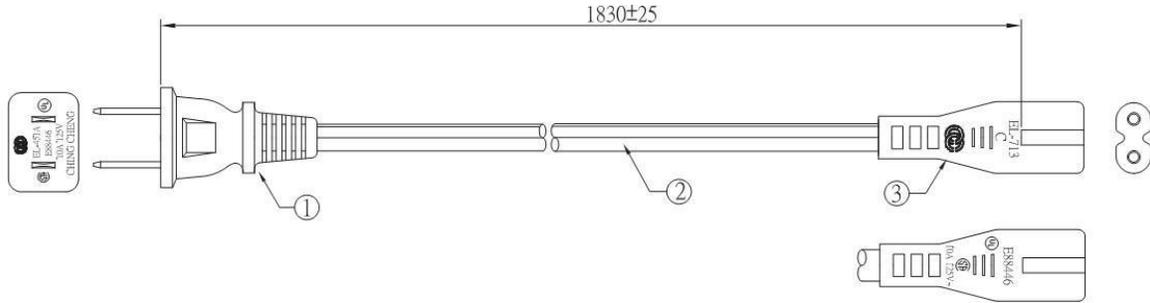
Line Cords – Sold Separately

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

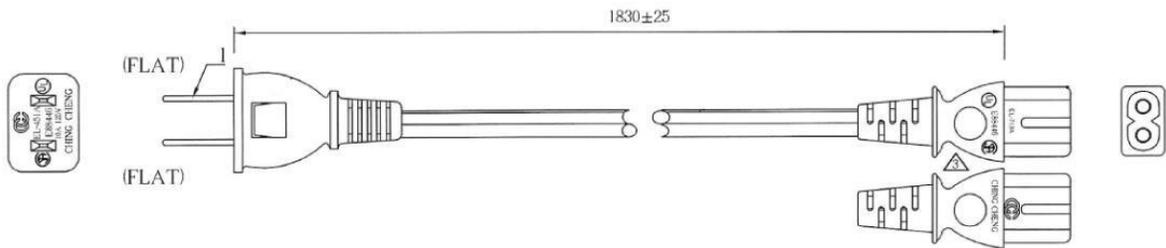


Line Cords - Outline Drawings

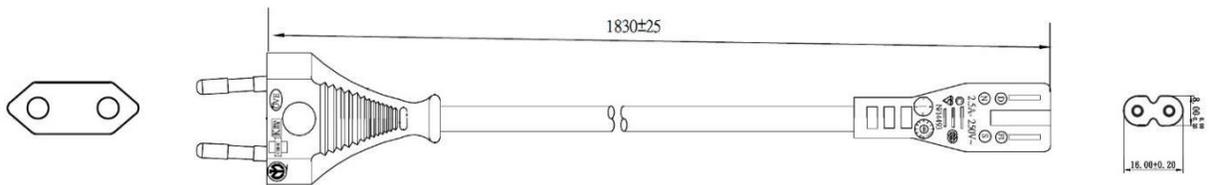
AC15WNA-C-R



AC15WNA-R



AC15WEU-R



AC15WUK-R

