



PRODUCT OVERVIEW

The POE-DCO-65 is a PoE powered USB charging outlet with allowing you to deliver up to 65W of clean, low-voltage power to USB devices right where people work, without needing an AC outlet.

It delivers enough power to charge laptops making it unique among PoE-powered chargers, which typically only support lower-power USB-C PD profiles for phones and peripherals.

Its RJ45 input is IEEE 802.3bt compliant and compatible with bt power sourcing topologies as well as X-PoE®.

Its unique outlet-style Decora form factor delivers a clean, architecturally familiar finish while adding reverse-voltage-protected power input and front-panel status indication.

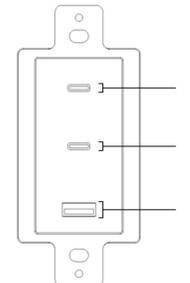
CONFIGURATIONS

POE-DCO-65: Three-port USB charging brick (2x USB-C, 1x USB-A) with 65W shared output and dynamic load balancing across outputs.

FEATURES

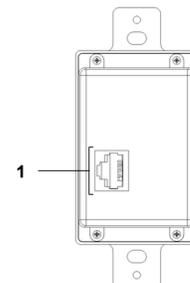
Power conversion	(1) RJ45 input for X-PoE® / IEEE 802.3bt power and (3) USB outputs (2x USB-C, 1x USB-A)
	IEEE 802.3bt compliant input with backward compatibility for bt source configurations
	Supports USB-C PD profiles at 5V, 9V, 12V, 15V, and up to 20V / 3.25A (65W) on USB-C outputs
	Total 70W shared across all outputs with dynamic output balancing
Application and use cases	44-57VDC terminal block input with reverse-voltage protection
	Ideal for powering USB-C devices including laptops, monitors, phones, and peripherals
	Turns every desk into a controllable power node for energy management and automation (system dependent)
Recommended installation	Great for convenience outlets in hotels and conference rooms
	Use one POE-DCO-65 per PoE port
Warranty	Multiple POE-DCO-65 units can be daisy chained when used with X-PoE®
	5-year warranty

FRONT PANEL



- 1. USB-C output
 - 2. USB-C output
 - 3. USB-A output*
- *Note: When USB-A is in use, USB-C port 2 operates at 5V as well

REAR PANEL



- 1. RJ45 input

TECHNICAL SPECIFICATIONS

Category	Specification	POE-DCO-65
INTERFACES	Interfaces	(1) RJ45 input port (X-PoE® / IEEE 802.3bt compliant), (2) USB-C output ports, (1) USB-A output port
	Port type	RJ45 input + USB-C / USB-A outputs
	Power connector	Terminal block
ELECTRICAL	Input voltage	44-57VDC
	Maximum output power (shared)	70W shared across all outputs
	USB-C PD profiles	20W = 5V @ 4A Max; 36W = 9V @ 4A Max; 48W = 12V @ 4A Max; 60W = 15V @ 4A Max; 65W = 20V @ 3.25A Max
	USB-C single-port mode	When only one USB-C port is active, maximum output is 65W (up to 20V @ 3.25A) on that port
	USB-C dual-port mode	When both USB-C ports are active, both ports are derated to a maximum of 15V output
	USB-A power specification*	20W = 5V @ 4A Max; *When USB-A is used, USB-C port 2 operates at 5V
	Output power balancing	Dynamic balancing across all outputs based on connected load
	MECHANICAL	Dimensions
Weight		0.52 lb (234 g)
Material		White plastic
Faceplate		Fits standard Decora faceplate (not provided)
INSTALLATION	Low-voltage mounting rings	Recommended for optimal installation; non-enclosed design helps avoid interference with POE-DCO-65 rear connections and supports secure residential/commercial mounting
	Low-voltage ring note	Do not pack insulation tightly against the device; allow space for heat dissipation
	Plastic electrical boxes	Ensure box depth is at least 3 in; ensure adequate clearance for cable management
	Metal junction boxes	Not recommended due to space limitations; if required, use minimum 3 in depth and validate mud/extension ring fit before final installation
	Clearance	Provide adequate wall-box clearance so rear RJ45 and all PoE/USB connections can be made without cable strain
ENVIRONMENT	Operating temperature	32 F to 104 F (0 C to 40 C)
	Storage temperature	-4 F to 158 F (-20 C to 70 C)
	Operating humidity	10-90% RH (non-condensing)
COMPLIANCE	Certifications	IEEE 802.3bt compliant input, FCC, CE
GENERAL	Warranty	2-year limited warranty

Note: Actual performance may vary as a result of end-user environment and application.