



VERTICAL PDU

SLIM POWER DISTRIBUTION

Operating Manual

ESP-VP-10V-1212



ESP-VP-10V-1612



I. Product Overview

The Vertical PDUs (ESP-VP-10V-1212 & ESP-VP-10V-1612) are designed to be installed vertically on the wall. 125V models are available to match global power requirements.

Model	Voltage	Current	Input Plug	Output Receptacles
ESP-VP-10V-1212	125 V	12A	NEMA 5-15P 	12, NEMA 5-15R 
ESP-VP-10V-1612	125 V	16A	NEMA 5-20P 	12, NEMA 5-20R 

II. Installation

Connect power to the unit by plugging the attached power cord into a properly wired and grounded supply outlet. The socket-outlet shall be installed near the equipment and shall be easily accessible.

Do not plug the unit into a relocatable power tap.

The maximum current rating of each individual outlet, and of the unit as a whole must not exceed:

Model	Total Maximum Current	Maximum Current Per Outlet
ESP-VP-10V-1212	12 A	12 A, 12 Outlets
ESP-VP-10V-1612	16 A	16 A, 12 Outlets

Plug the equipment cords into the outlets as needed.

III. Indicators

Located on the front panel is a green LED Surge Protection Status.

When the LED is illuminated, there is AC power at the AC mains input to the product, and at each of the product's outlets.

When the LED is not illuminated, one of the following conditions is true:

- There is no power at AC mains input, or
- The supply receptacle is mis-wired, with the Line and Neutral conductors reversed, or
- The supply voltage is too high (> 150V) and no Surge Protection and no power from PDU, or
- The input circuit breaker has tripped

IV. The Specifications

Parameter			Specification
Voltage Rating	ESP-VP- 10V-1212		125V, 50/60Hz
	ESP-VP- 10V-1612		125V, 50/60Hz
Load Rating	ESP-VP- 10V-1212		12A Total, 12A per Outlet 5-15R
	ESP-VP- 10V-1612		16A Total, 16A per Outlet 5-20R
Power Control	ESP-VP- 10V-1212		On/Off Switch w/build-in a 15A Circuit Breaker
Power Control	ESP-VP- 10V-1612		On/Off Switch w/build-in a 20A Circuit Breaker
Power	Power Input	Input Connection Type	NEMA 5-15P
		Power Cord	10FT SJT14AWG x 3C
	Power Output	Output Connection Type	NEMA 5-15R
		Number of Outlets	12 (6 regular outlets / 6 right angle outlets)
Power	Power Input	Input Connection Type	NEMA 5-20P
		Power Cord	10FT SJT12AWG x 3C
	Power Output	Output Connection Type	NEMA 5-20R
		Number of Outlets	12 (6 regular outlets / 6 right angle outlets)
Electronical Rating	ESP-VP-10V-1212	Voltage Compatibility	125 VAC
		Amper Compatibility	12A (Derated from 15A due to UL 60950-1 requirement)
		Frequency Compatibility	50/60 Hz
		Watts	1500 W
Electronical Rating	ESP-VP-10V-1612	Voltage Compatibility	125 VAC
		Amper Compatibility	16A (derated from 20A due to UL 60950-1 requirement)
		Frequency Compatibility	50/60 Hz
		Watts	2000 W

IVa. The Common Specifications for both PDUs

Parameter		Specification
Surge/Protection	Singel Stage Surge Protection (Fused 3 MOV in parallel)	150 VAC
Indicators		1 x LED Surge Protection Status
Dimensions		36" (L) x 1.25" (D) x 1.62" (H)
Material of Construction		Aluminum
Style		0U Vertical Power Controller with mounting clips
Agency Listings	UL/cUL	Certified to UL 60950-1