



Zoned Power Distribution for the VA Hospital System



“The Zonit Z-PDS has brought significant value to the VA Health Administration over the last ten years. It helps support a standardization effort that benefits not only the Administration, but also the veterans it serves and the government that supports it.”

The Zonit Z-PDS is the next step in the evolution of power distribution to the rack. Our modular power distribution system brings complete three-phase, A-B power redundancy to the VA Hospital System. After extensive product research and testing, the VA standardized on Zonit Z-PDS power distribution units for rack power delivery. The Z-PDS allows the VA to support multiple rack densities from 3.5 to 10 kW/rack across all their mission critical facilities.

By implementing the Z-PDS in data center and MDF/IDF applications, the VA has realized additional benefits by using the Zonit platform. First, Z-PDS is able to provide redundant power to applications requiring A+B power. Also, the Z-PDS supports intrinsic three-phase load balancing at the rack.

KEY BENEFITS

- Reduces installation and operating costs associated with traditional power distribution
- Increases available breaker positions and frees data center floor space
- Improves the safety and reliability of your electrical infrastructure

ZONIT Innovative Technology, Creative Solutions

Zonit is a mission critical product development company that's revolutionizing data center operations through innovative power distribution solutions.

Based in Boulder, Colorado, Zonit has over 100 patents on its products and designs. We have one purpose: to meet the challenges of today's data center operator.

Our modular solutions displace the status quo, maximizing system uptime, security, and flexibility to provide you more control, less risk, and greater efficiency.



SELECTION GUIDE

208V 30A 3-Phase WYE A-B

2 x input cords capped with L21-30P connectors and (4) L21-20R & (3) 5-20 duplex outlets
(Standard specification)



Order

ZPDS-208V30A-L21-4L21-20R-CR

208V 60A 3-Phase WYE A-B

2 x hardwire inputs and (6) x L21-20R output receptacles
(Standard specification)



Order

ZPDS-208V60A-HW-6L21-20R

208V 60A 3-Phase WYE A-B

2 x hardwire inputs and (4) x L21-30R output receptacles
(Alternate specification)



Order

Contact Zonit for Part Number

Please visit www.zonit.com to watch product videos, view configuration options, or to get more technical information about the revolutionary Z-PDS product.

SPECIFICATIONS

ELECTRICAL	
Rated Input Voltage	Three Phase 208V, 415V or 480V, or Wye configuration
Rated Input Amperage	30, 40 or 60 amps
Standard Input Cords	Two A + B 10-foot SOW input cords; other lengths available custom
Input Cord Termination Options	Hardwire box: standard for all models. NEMA L21/22 Plugs: standard for NEMA L21 – 208V models. IEC 60309 pin & sleeve: standard for NEMA L22 – 415 or 480V models. Starline tap box – optional for all models
Output Receptacle Options	For 60A inputs: (6) 20A NEMA L21 or L22 OR (4) 30A NEMA L21 or L22 OR (12) 20A IEC C19 For 30A inputs: (4) 20A NEMA L21 or L22. For 30A/208V: (4) 20A NEMA L21 or L22 & (6) 20A NEMA 5-20 receptacles All outputs are split evenly into A + B feeds
Output Branch Circuit Protection	Individual 20A or 30A circuit breakers protect each hot output phase of each output receptacle
PHYSICAL	
Dimensions (L x W x D)	11.13 x 17.50 x 3.50 (2RU) in (282.6 x 444.5 x 88.9 mm)
Weight	29 lb (13.2kg)
Shipping Weight	33 lb (15kg)
ENVIRONMENTAL	
Elevation – Operating	0 to 10,000 ft (0 to 3000m)
Elevation – Storage	0 to 50,000 ft (0 to 15000m)
Temp – Operating	23 to 113°F (-5 to 45°C)
Temp – Storage	-13 to 149°F (-25 to 65°C)
Operating Humidity	0 to 95% Non-condensing
APPROVALS	
Safety	UL/cUL File E340237



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