

4PDU-3PY

Ultra High Power PDU

Description

The 4PDU-3PY is a 4-input, rack-mounted power distribution unit compatible with 3-phase Wye. It includes input circuit protection, power distribution, and control designed to work across four fused input branches.

The system has an overall total power rating of up to 300 kW, and the four input feeds functionally provide N+1 redundancy: if one of the four feeds goes down, the other three feeds are capable of carrying the current of the lost feed. This ultra high power PDU has current limiting overcurrent protective devices on each input and the flexibility to route output feeds to different branches.

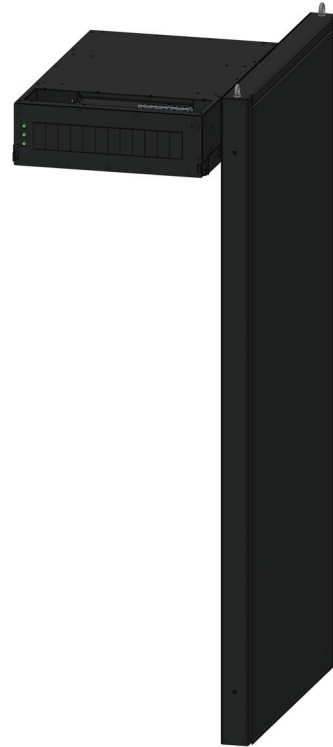
Features and Benefits

- High power capability (up to 300 kW)
- Mates with standard ORV3 racks (left and right options)
- Accepts four 415V 3-phase Wye inputs
- Provides current-limiting overcurrent protection
- Compatible with UPS feeds to support load monitoring
- Offers integrated control signaling

Applications

- Data center power distribution
- Customizable to other application needs

4PDU-3PY System



AC PDU Sidecar



40U Top Box



General Specifications

	Input	Output
Voltage	415 Vac 3-Phase Wye	415 Vac 3-Phase Wye
Current Rating Per Input/Output	140 A nominal	30 A nominal
Power	288 kW	288 kW
Frequency	50 or 60 Hz	50 or 60 Hz
Quantity	Up to 4	Up to 26

AC PDU Sidecar Features

	Description
Dimensions	76mm x 950mm x 1850mm (3" x 37.4" x 72.8")
Weight	145 kg (320 lb.)
Input Connectors	Flexible busbars with 1-3/8" ring terminals
Mounting	Rack Mount with ten M5 flanged socket-head screws (provided)
Output Cable Connection	NEMA L22-30R or bulk head connectors* Amphenol part number: 97-3102E-24-10SW

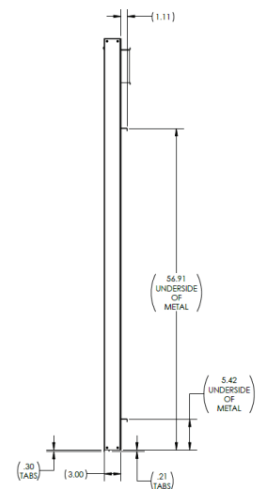
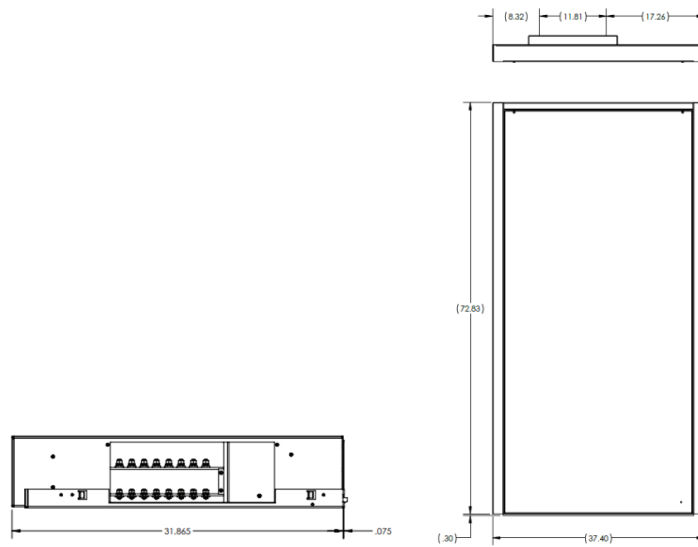
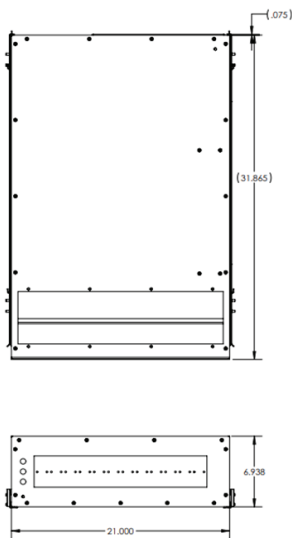
*Can be customized to application needs

4OU Top Box

	Description
Dimensions	533mm x 809mm x 175mm (21" x 31.9" x 6.9")
Weight	34 kg (75 lb.)
Input cable range	1m-2m (3'-6') 1/0 AWG
Output connectors	Stud that accepts 1-3/8" terminal ring
Mounting	Top rack

4OU Top Box Dimensions

AC PDU Sidecar Dimensions



Document No.: DATA116
Last Updated: August 8, 2024

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