

AC Power Distro Systems

By the FOHStaff

In decades past, the typical sound company power distro setup seen on a gig was a DIY affair. They served their purpose, but with today's sophisticated audio, backline, video and lighting systems, it pays to make and investment in clean, dependable power. Along with today's ample selection of quality, reliable products, most of the manufacturers whose products are listed here will be happy to meet your specific needs with a solution that fits your needs. Check out the websites to see the latest offerings.

AC Power Distribution CJ1200 Cam Mini-Spider



Input Feed: 120/208v 3-phase 400A Cam-Lok 3
Outputs: 3-phase 5-wire Cam-Lok outputs
Enclosure Type: NEMA Type 1
Dimensions: 14.5" x 10.5" x 10"
Compliance: UL, cUL
Weight: 77 pounds
Comments: Three-fer in a box design is a convenient way to split feeder runs without clusters of tapping T's and three-fers. Also available in 2-in/3-out (parallel) config.

acpowerdistribution.com

Applied Electronics Full Distro Racks



Input Feed: 120/240V Single Phase or 120/208V 3-phase; 400A cam connectors with pass-thru & 80, 100, 200, 250 or 400A main breaker
Outputs: Mix any 110V or 208V 19 pin; 15-50A, 1/2/3-pole twist-lock; duplex Edison or PowerCon.
Enclosure Type: ATA-style aluminum-lined rolling rack
Dimensions: 21" x 25" x as required
Compliance: UL Listed
Weight: Varies by configuration
Comments: Custom configuration; accessories include Power Monitoring; AE Omni 5, 10 or 2x5 port DMX splitters; custom logos, integrated rack lighting, and case colors and sizes.

appliedenn.com

Leprecon LPD Series



Input Feed: Single/parallel cam-type connectors rated for 400A. LED indicators/meter test jacks on parallel cam panels.
Mains: 100A, 250A, 400A & 300A/200A; single/three phase switchable mains breaker.
Outputs: Edison, stage pin, 110/208 19 pin multi-connectors, all NEMA locking connector types: 15, 20, 30 and 50 Amp.
Enclosure Type: ATA style with casters
Dimensions: Varies by configuration
Compliance: UL
Weight: Varies by configuration
Comments: 110/208V parallel load connections. Options include digital volt meter, amp meter, Littlite LED Raklite.

leprecon.com

Lex Products Presidential PowerRACK



Input Feed: 400-amp, 3-phase, 5-wire male Cam Panel Mount
Outputs: (8) 120V and (8) 208V 6-circuit receptacles (parallel)
Enclosure Type: 18RU 19" PowerRACK
Dimensions: 26.0" x 24.0" x 39.5"
Compliance: UL, cUL
Weight: 265 lbs.
Comments: Extruded aluminum frame combined with high density polyethylene (HDPE) create a lightweight yet remarkably strong and extremely durable rack enclosure.

lexproducts.com

Motion Labs Tradeshow Distro



Input Feed: 120/208V, Cam in/thru
Outputs: L21-20, L21-30, Edison Duplex
Enclosure Type: NEMA 1
Dimensions: 15 x 9 x 22"
Compliance: ETL-listed
Weight: 48 lbs.
Comments: Low profile compact design; built to fit into the tightest of tradeshow spaces. Lightweight design w/heavy duty handle allows for easy transport and quick booth setup/breakdown.

motionlabs.com

DADCO DAD 2400 SC Super Cam Thru Spider Box



Input Feed: 120/208V AC 30 800A Per Phase- Cam-Lok
Outputs: 120/208V AC 30 800A Per Phase- Cam-Lok
Enclosure Type: Type 1
Dimensions: 24" x 9.5" x 14"
Compliance: UL 1640 ETL
Weight: 83 pounds
Comments: Available 2-in/6-out; 4-in/4-out; 480V units available.

dadcopowerandlights.com

EMG Custom MPD Series



Input Feed: 120/208V or 120/240V up to 400A Single or 3 Phase, Cam-Lok or Pin-Sleeve
Outputs: Customizable configurations of Twist-Lock, Socapex, Edison, PowerCon and Pin and Sleeve
Enclosure Type: Custom Rolling ATA
Dimensions: Varies by configuration
Compliance: UL, cUL
Weight: Varies by configuration
Comments: Configuration based on wide variety of Rack module designs, supporting Inputs/ outputs, breakers and combos. Custom solid panel layout designs

emfgrp.com

EPS 24-Circuit 208V/120V Power Distros



Input Feed/Connector Type: Hubbell single pole cam-style 400A rated 3-phase power input, Reversed Ground and Neutral
Outputs: 4 Hubbell NEMA 520R Edison duplex receptacles, 4 Phase3 19-pin multi connectors (208V), 4 Phase3 19-pin multi connectors (120V), 4 L6-20/208V connectors.
Enclosure Type: Aluminum-lined ATA road case with casters
Dimensions: 38.75" x 27" x 22" (w/casters)
Compliance: UL, cUL Listed; UL1640 standard
Weight: 215 pounds
Comments: Other UL/cUL listed configurations also available; custom engraving on request.

entertainmentpowersystems.com

PRG Series 400 Power & Data Distribution System



Input Feed: 120/208 VAC, 400-amp; Cam-Lok
Outputs: (72) 15-amp devices w/single, dual and 3-phase 120/208v outputs
Enclosure Type: 19-inch rack
Dimensions: 47" x 21" x 26"
Compliance: ETL
Weight: 305 pounds
Comments: Modular integrated power/data distribution. One rack supports power for 72 15-amp devices w/single, dual and 3-phase 120/208V outputs. Includes digital power metering, integrated DMX A/B switch, onboard diagnostics.

prg.com

Quantum Energy Design (Touring PD)/Motor Control



Input Feed: 120/208V, 3-phase
Outputs: 250 Amps; Cam in/thru in any combination
Enclosure Type: NEMA Type 1, steel box within a road case
Dimensions: 28" x 19" x 18"
Compliance: UL 1640, UL 508A
Weight: Varies by configuration
Comments: Installation motor and power PD with 100% rated branch breakers, over-rated internal X-Play cable. Numerous variations offered. Powder coat finish.

qedinc.tv

Ramtech RAM-1X4-CAM-SOCO



Input Feed: Cam-Lok
Outputs: (4) Socapex
Enclosure Type: Fully enclosed rack unit
Dimensions: 10 RU, 8.5" deep
Compliance: All UL components
Weight: 40 pounds
Comments: Custom units and configurations available. Unique self-enclosed chassis makes for added safety.

ramtech.net

Gear Box Pro Power Cube TPC6



Input Feed: 20A X6 - 240V 3PH
Outputs: 6 independent circuits
Enclosure Type: Solid one piece aluminum extrusion
Dimensions: 5.5 x 2.1 x 12"
Compliance: Special Inspection UL
Weight: 4 lbs.
Comments: Rigging friendly SOCA breakout for lighting, video & sound applications. Outlets recessed for protection. Integrated Fly-Track on 3 sides for suspending in truss, behind speaker clusters & securing SOCA cable.

gearboxpro.com

Indu-Electric 001 Cube



Input Feed: 400A 3-phase locking Cam 1 pass-thru
Outputs: (12) 20A 120VAC duplex outlets
Enclosure Type: Rugged, non-conductive enclosure
Dimensions: 15" x 10" x 8.25"
Compliance: UL 94 V0 rated
Weight: Varies by configuration
Comments: 6-inch ground-clearance stand; fully enclosed color-coded cam covers. Multiple configurations, such as Cam, pin & sleeve, 19-pin, straight blade, twist-lock and GFCL are available in standard or custom configurations.

indu-electric.com

Link PDlink



Input Feed: 400A 5 Wire 30 input and pass-through
Outputs: 6 L2130, 6 6CKT LKS Data, 2 LKO Fiber/3 Phase 32A
Enclosure Type: Freestanding 19" rack mount
Dimensions: 19" x 12J
Compliance: ETL 508A
Weight: 383 lbs.
Comments: Leveraging new Eurocable and LK connector capabilities, PDlink power and signal distribution products are designed to meet the evolving needs of audio, video and lighting production companies.

linkusa-inc.com

RCF PR-63 Power Rack



Input Feed: 63A Cekon
Outputs: 32A Cekon with 4 LKS 19, 7 PowerCon
Enclosure Type: 10RU Tour Grade Rack Case
Dimensions: 23.75" x 23.75" x 27"
Compliance: ETL
Weight: 146 lbs.
Comments: Managed power distribution package from a single 63A Cekon input connection distributed in 32A Cekon output, four LKS19 provides 6x20A power feeds, plus six Power-Con output and one additional PowerCon aux out.

rcf.it

TMB ProPower RPD



Input Feed: 120/240V or 120/208V; up to 400A single- or 3-phase;
Cam-Lok or pin & sleeve
Outputs: Wide selection of configurations available.
Enclosure Type: Rolling ATA flight case
Dimensions: Varies by configuration
Compliance: UL, cUL
Weight: Varies by configuration
Comments: Configuration can be specified from numerous input/output panels. Optional dimming and signal panels available; 19-pin "pin out" indicator display. Heavy-duty construction.

tmb.com

Whirlwind Power Link PLD



Input Feed: Hubbell CAM-type 15 or 16-series, CEE-Form 60309
Output Feed: Hubbell 20A duplex, powerCON 20A, powerCON TRUE 1, Hubbell (NEMA) Twist-Lock, SSX P19
Enclosure: Whirlwind Cyclone road case, optional pocket doors
Dimensions: 22.5" x 30" (truck pack), 8-RU to 30-RU
Compliance: UL 1640
Comments: Carling hi-inrush, hyd/mag breakers; PL-PM1RJ with remote monitoring and triple power supplies; Colson 480# 4x2" casters; UL94 marine-grade UHMW polyethylene; box joint construction; made in Rochester NY; 5-yr limited warranty.

whirlwindusa.com