



POWER DISTRIBUTION SOLUTIONS

PRODUCT SPECIFICATION BROCHURE

HD-RPP

High-Density Remote Power Panel

DISTRIBUTION

1,200_A

MAX BREAKERS

36_x

VOLTAGE

Up to 480_V

SHORT-CIRCUIT

65_{kAIC}



US MANUFACTURED

BUILT TO ORDER

AI-READY

PATENT PENDING

UL LISTED

PRODUCT OVERVIEW

ENGINEERED FOR THE AI REVOLUTION

The HD-RPP is a **high-density remote power panel** built for AI and hyperscale mission critical environments. It delivers 1,200A distribution in a compact enclosure manufactured to the exact footprint, circuit count and breaker brand your whitespace requires.

Every unit is designed and built by Accelelevation. The patent-pending universal adapter accepts ABB, Square D, Siemens, Eaton and LS breakers in the same chassis, making it the only RPP platform that does. Footprint, breaker count, brand and finish are confirmed at order and every unit ships to the exact specifications of your row topology.

Accelelevation manufactures its own enclosures and branch circuit whips at U.S. facilities. That is what makes a custom footprint and non-standard circuit count achievable without extending lead time.

1,200^A

DISTRIBUTION

2,000A-rated MLO bus with headroom for full AI compute row loads

Custom

BRANCH BREAKERS

Circuit count and breaker brand configured to your downstream requirements

40"

STARTING WIDTH

High-density 1,200A in a compact enclosure built for dense whitespace

65^{kAIC}

SHORT-CIRCUIT

At 480V. UL 891 listed, ETL marked, RoHS compliant

All configurations: 90" H | 40" x 16" standard footprint, custom dimensions available
Single or multi-section

CUSTOMIZATION OPTIONS

ONE CHASSIS, YOUR CONFIGURATION

Footprint	Breakers	Breaker Brand	Whips	Finish
Width x Depth to Spec	Circuit Density	Universal Compatibility	Factory Pre-Wired BCWs	Black (standard) or Custom Finishes
Starting at 40" x 16". Accelelevation builds the enclosure around your whitespace constraints, not from a fixed catalog.	Circuit count scales to your downstream distribution requirements. Configuration is set at order. Contact your sales representative for available options.	The patent-pending universal adapter accepts ABB, Square D, Siemens, Eaton and LS breakers. Standardize on your preferred brand across site.	Accelelevation manufactures its own branch circuit whips (BCWs). Ordered with the HD-RPP, they arrive spec-matched, factory-tested and ready to install.	Standard powder-coated black steel. Custom colors available on request.

TECHNICAL SPECIFICATIONS

FULL SPECIFICATION

Electrical

Voltage rating	208/120, 415/240, 480V
Voltage withstand	600V
Frequency	50 / 60 Hz
Current (MLO)	2,000A
Current (Main Breaker)	1,200A

Branch Distribution

Breaker type	UL489 3-pole
Max breaker count	Up to 36
Compatibility	Universal adapter
Short-circuit (AIC)	65kAIC at 480V
Neutral/ground bar	Included/bonded

Physical

Width	40" standard (custom to spec)
Depth	16" standard (custom to spec)
Height	90"
Enclosure type/ rating	Type II / NEMA 1
Cable Entry	Top or bottom

Construction

Enclosure material	Powder-coated Steel
Bus bar material	Copper
Mounting	Freestanding
Floor type	Raised or Slab
Configuration	Single/multi- section
Standard finish	Black or Custom

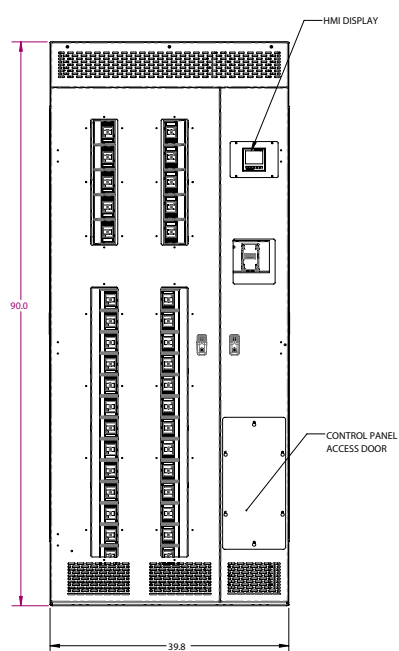
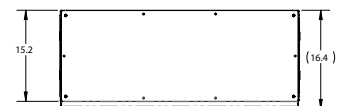
Environmental

Operating temp	-20 to +40 °C
Storage temp	Up to 50 °C
Altitude	2,000 m
Pollution degree	2

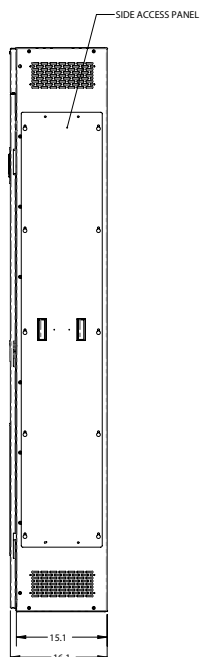
Compliance

Standard	UL 891
Marking	ETL
RoHS	Compliant
Origin	USA

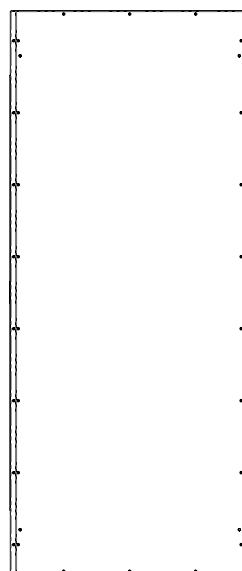
TOP



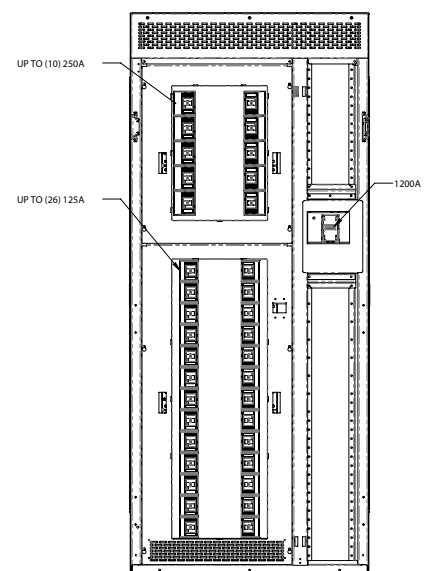
FRONT



SIDE



BACK



NO DOORS

APPLICATIONS

BUILT FOR EVERY DEPLOYMENT

Hyperscale pod deployment

Factory-wired whips and a custom built enclosure reduce open variables on the floor and speed up commissioning per pod.

AI and GPU compute rows

1,200A distribution in a 40" x 16" footprint. Full capacity without giving up a rack slot.

Multi-tenant colocation

One panel platform serves tenants on different break standards. No separate SKUs per tenant, no parallel supply chains.

Constrained retrofit projects

Built for the space you have, not the space you wish you had.

Sites with preferred breaker standards

Standardize on ABB, Square D, Siemens, Eaton or LS across the site. The universal adapter handles the requirement.

Fast-track mission critical infrastructure builds

Because Accelelevation manufactures its own components, custom specs do not add weeks to your schedule.

WHY ACCELEVATION

ADVANTAGES THAT MATTER

Accelelevation designs, manufactures and installs mission-critical power distribution infrastructure. Engineering, manufacturing and installation operate synchronously, from enclosure fabrication to branch circuit whip assembly and on-site commissioning.

U.S. MANUFACTURED Domestic from the ground up

Every HD-RPP is designed and built in the United States across more than 1.5 million square feet of manufacturing capacity. Shorter supply chains, predictable lead times and accessible engineering support throughout the project.

VERTICAL INTEGRATION Control where it counts

Accelelevation manufactures its own enclosures, bus work and whips. Controlling those components directly is what makes a custom footprint or non-standard circuit count achievable without extending lead time.

FEARLESS INNOVATION Engineered for real problems

Operators needed one RPP platform that worked across multiple breaker brands. Accelelevation's engineering team built the patent-pending universal adapter to solve it. That same approach drives every product we develop.

END-TO-END ACCOUNTABILITY One team across the full project

Design, manufacturing, delivery and installation under one team means fewer coordination gaps, cleaner schedules and a single point of contact from order through commissioning.

 **1,200A. Built to your spec.
Delivered faster.**

Specifications subject to change without notice. All configurations subject to engineering review. Custom dimensions available on request. Copyright Accelelevation. All rights reserved. Intended for qualified electrical professionals and authorized representatives only.

Product inquiries

Contact your Accelelevation sales representative for configuration support, quote requests and CAD documentation.

Technical support

User manuals, single-line drawings and commissioning support available for all HD-RPP installations.