

acceleration

1,200_A

High-density remote power panel

Product specification brochure



Distribution	1,200 _A
Max breakers	36 _x
Voltage	480 _V
Short-circuit	65 _{kAIC}

*Built for high-density
AI infrastructure.*

U.S. 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.

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

1,200A 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

65kAIC short-circuit

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

CUSTOMIZATION OPTIONS

One chassis, your configuration

Footprint

Width x depth to specification

Starting at 40" x 16". Accelelevation builds the enclosure around your whitespace constraints, not from a fixed catalog.

Branch circuit whips

Factory pre-wired whips

We manufacture our own branch circuit whips. Ordered with the HD-RPP, they arrive spec-matched, factory-tested and ready to install.

Breakers

Circuit density

Circuit count scales to your downstream distribution requirements. Configuration is set at order. Contact your sales rep for available options.

Finish

Black or custom finishes

Standard powder-coated black steel. Custom colors available on request.

Breaker band

Universal compatibility

The patent-pending universal adapter accepts ABB, Square D, Siemens, Eaton and LS breakers. Standardize on your preferred brand across site.

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

Construction

Enclosure material	Powder-coated steel
Bus bar material	Copper
Mounting	Freestanding
Floor type	Raised or slab
Configuration	Single or multi-section
Standard finish	Black or custom

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

Environmental

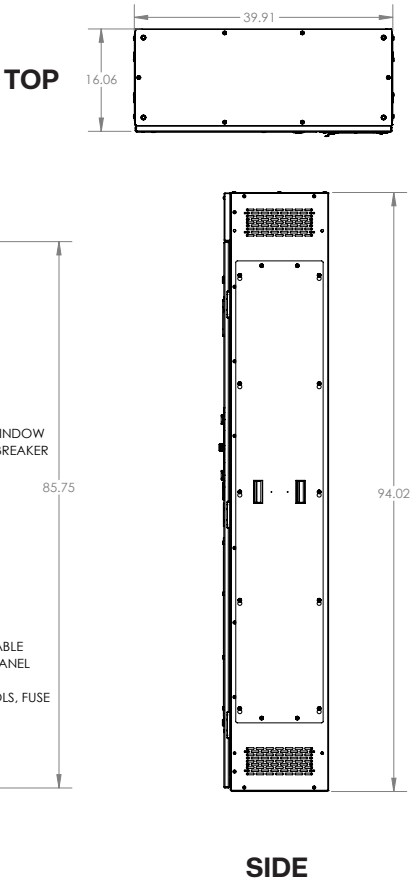
Operating temperature	-20 to +40°C
Storage temperature	Up to 50°C
Altitude	2,000 meters
Pollution degree	2

Physical

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

Compliance

Standard	UL 891
Marking	ETL
RoHS	Compliant
Origin	USA



APPLICATIONS

Built for every deployment

Hyperscale pod deployment

Factory-wired whips and a custom 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 we manufacture our own components, custom specifications do not add weeks to your schedule.

WHY ACCELEVATION

Advantages that drive project success

1

Domestic from the ground up

Every HD-RPP is designed and built across approximately 1.5 million square feet of U.S. manufacturing capacity, meaning shorter supply chains, faster lead times and engineering support throughout the project.

2

Control where it counts

We manufacture our own enclosures, bus work and branch circuit whips. Controlling those components directly makes a custom footprint or non-standard circuit count achievable without extending lead time.

3

Engineered for real problems

Operators needed a remote power panel platform that worked across multiple breaker brands. Our engineers built the patent-pending universal adapter to solve it. That same approach drives every product we develop.

4

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 specifications.
Delivered fast.

Specifications are subject to change without notice. All configurations are subject to engineering review and approval. Custom dimensions may be available upon request. © 2026 Accelelevation. All rights reserved. For use by 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.