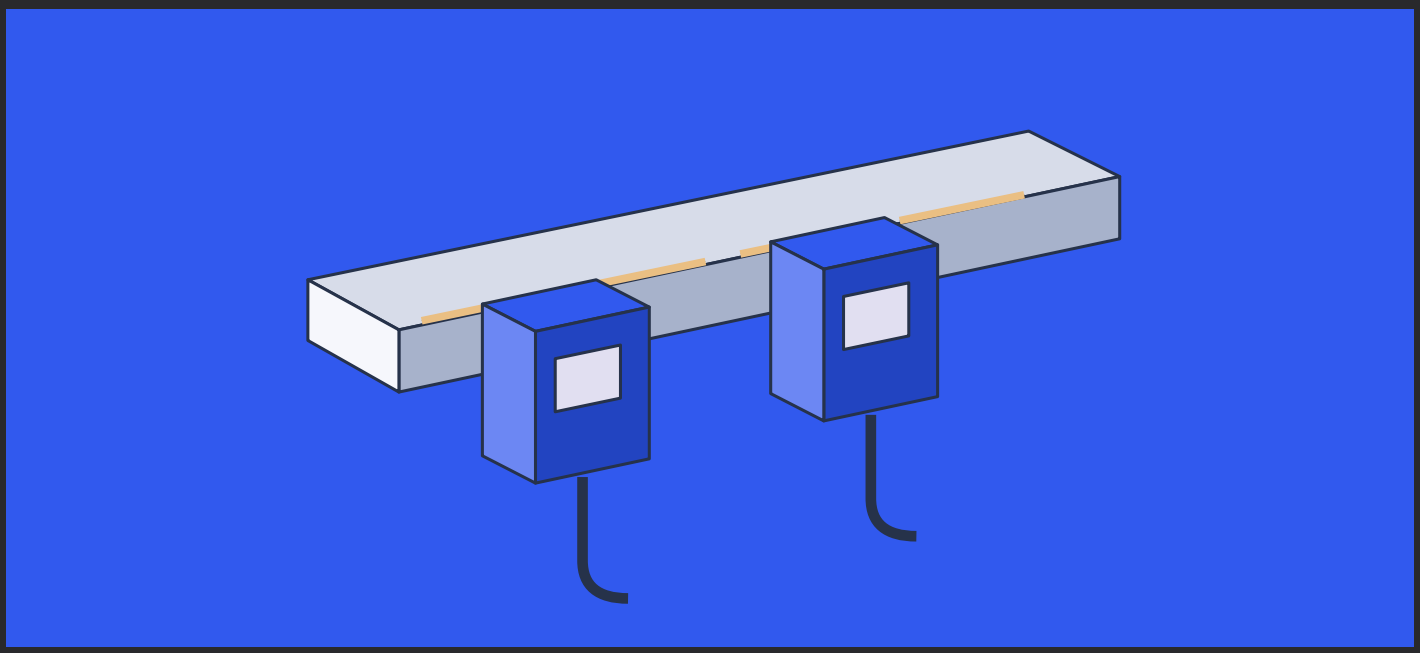
Power distribution for the next data hall.

High-Density RPPs. Three busway architectures.
Modular Power Pods.



For project teams, EPCs, procurement and channel partners.

Focused on the power distribution layer.

Aperium is a power distribution brand focused on AI and high-density data centers. Our portfolio brings together remote power panels, busway systems and modular power pods.

We engage project teams, procurement professionals and channel partners around product fit, electrical requirements and the next project review step.

PROJECT TEAMS & EPCs	Review rack loads, protection, installation routes and site interfaces.
PROCUREMENT	Define the equipment scope, configuration and technical documentation needed for evaluation.
SALES AGENTS & CHANNEL PARTNERS	Discuss product fit, customer applications and opportunities within your territory.

Discuss your project with Aperium.

info@aperiumtech.com | aperiumtech.com

What are you building next?

01

Existing data center expansion

Add racks or increase selected rack loads within an operating facility. Review available electrical capacity, distribution routes and permitted work windows.

Glide / High-Density RPP / Core

02

Colocation tenant expansion

Plan new suites, cages and rack rows around tenant loads, circuit allocation and metering requirements.

Glide / Link / High-Density RPP

03

AI / HPC rack deployment

Coordinate the distribution backbone, tap-off or branch capacity, connectors and protection with the rack power architecture.

Core / Glide / High-Density RPP

04

Modular or containerized IT

Match the distribution layout to a defined enclosure footprint, rack arrangement and mechanical interfaces.

Link / Modular Power Pods / High-Density RPP

05

New data halls, built in phases

Define the main route, rack-level connections and electrical enclosure scope for each stage of the capacity plan.

Core / Glide / Modular Power Pods

High-Density RPP

Project-defined configuration

Remote power panels bring branch distribution and electrical monitoring together for high-density IT loads. Start with the rack demand and define the panel around the electrical design.



PRODUCT FOCUS

Branch distribution

Define the incoming supply, circuit schedule and protective devices around the project load.

Electrical monitoring

Discuss the measurements, alarm points and monitoring interfaces required by your operations team.

Panel configuration

Review cabinet layout, cable access and installation space before selecting a configuration.

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Specifications at a glance.

Available ratings and configuration options. Final specifications depend on your selected configuration.

Product family	High-density remote power panel
Incoming current example	1250 A in the documented configuration
Branch current example	125 A branch example; circuit count follows the approved schedule
Monitoring modules	SPDS-M and PDM described in the documented configuration
Interfaces listed	RS232 / RS485 / RJ45; protocol and port functions to be confirmed
Electrical architecture	Incoming protection and branch distribution in a cabinet assembly
Output schedule	Project-specific circuit count, pole count and breaker selection
Mechanical configuration	Cabinet dimensions, access and cable entries require model drawings

U.S. PROJECT CONFIGURATION

Designed for applicable UL requirements. Certification is arranged for the selected project configuration. Custom ratings or design changes may require additional evaluation, testing or a new certification scope.

Allow approximately 3 months for certification planning after the configuration, documentation and test samples are ready, subject to UL review and successful testing.

APPLICATION FIT

Existing data center upgrades / Colocation tenant expansion / AI / HPC rack distribution

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Aperium Glide

100–1250 A | Series current range

Air-insulated track busway with a continuous access slot for tap-off placement along the run. A flexible distribution approach for IT equipment and evolving rack-row layouts.



PRODUCT FOCUS

Continuous access

Tap-off units connect along the continuous slot, allowing the connection layout to follow the rack arrangement.

Tap-off choices

Catalog options include 63 A and 125 A three-phase tap-offs and a 250 A current class. Output arrangements depend on the selected unit.

Electrical visibility

Monitoring options cover electrical measurements, temperature and switch status at the feed and tap-off units.

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Specifications at a glance.

Available ratings and configuration options. Final specifications depend on your selected configuration.

Busway family	Air-insulated track busway
Catalog current range	100-1250 A
Housing groups	100-400 A; 630 A; 800 A; 1000-1250 A
Tap-off positioning	Continuous access slot along the bus run
Tap-off current examples	63 A and 125 A three-phase; 250 A current class
Output arrangements	Single- and three-phase options; cable-drop and receptacle variants
Monitoring points	Voltage, current, power, energy, harmonics, temperature and switch status; module-dependent
Communications	Network / RS485 architecture shown; wired or wireless options
Feed-in options	With or without incoming switch and surge protection, according to configuration

U.S. PROJECT CONFIGURATION

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APPLICATION FIT

Changing rack layouts / Colocation fit-outs / Phased data hall expansion

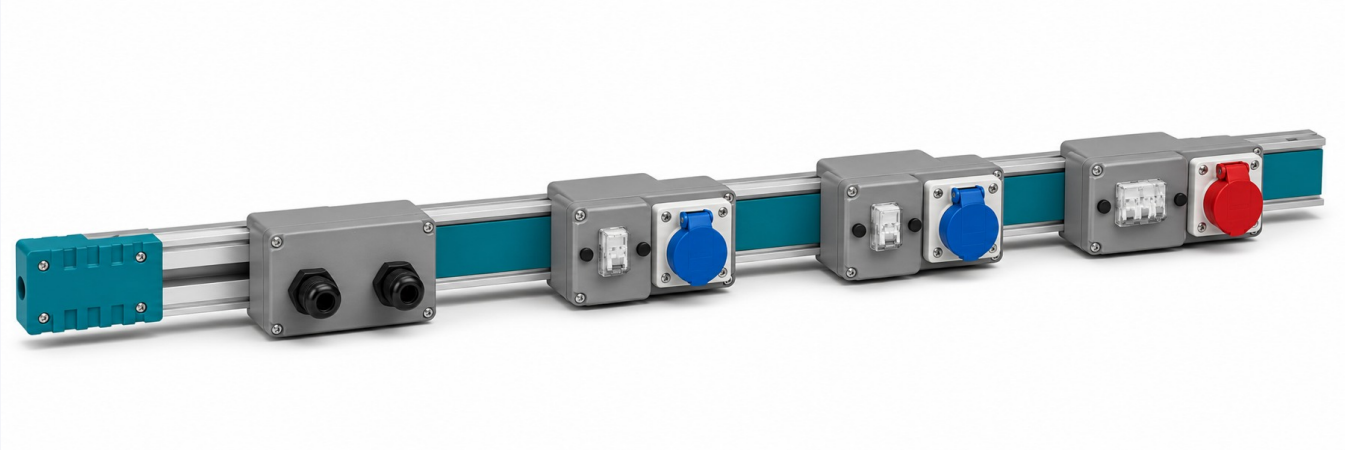
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Aperium Link

100–800 A | Series current range

Air-insulated busway with fixed tap-off positions along the run. Its low-profile arrangement suits IT distribution layouts where available installation height matters.



PRODUCT FOCUS

Fixed connection points

Coordinate predefined tap-off positions with the rack plan and equipment connection layout.

Compact installation

Consider the low-profile arrangement for containerized IT spaces and other height-constrained installations; verify dimensions for the selected model.

Configurable outputs

Tap-off options include one, two or three output circuits and one-, two- or three-pole protective devices. Wired or wireless monitoring is optional.

Discuss your project with Aperium.

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Specifications at a glance.

Available ratings and configuration options. Final specifications depend on your selected configuration.

Busway family	Air-insulated, fixed tap-off busway
Catalog current range	100-800 A
Tap-off positioning	Predefined connection positions along the run
Installation focus	Height-constrained IT spaces and containerized IT modules
Feed-in current examples	400 A and 800 A in the catalog selection code
Tap-off outputs	One, two or three output circuits
Protective-device poles	One-, two- or three-pole options
Branch-current examples	16 A, 32 A and 63 A in the tap-off selection code
Monitoring	Optional wired or wireless monitoring
Cable connection	Cable-drop or connector-outlet variants
Feed-in options	Incoming switch and surge protection options

U.S. PROJECT CONFIGURATION

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APPLICATION FIT

Modular or containerized IT / Space-constrained rack layouts / Defined tap-off locations

Discuss your project with Aperium.

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Aperium Core

630-6300 A | Series current range

Compact busway with closely stacked, individually insulated copper conductors. Intended for main power distribution and high-density IT distribution with fixed tap-off points.



PRODUCT FOCUS

Higher-current distribution

A broad catalog family for main distribution and high-density IT loads. Select the complete assembly around the electrical design.

Section planning

The 1000-1600 A and 2000-2500 A section groups list 1, 1.5, 2 and 3 m standard lengths. Confirm dimensions and ratings for each selection.

Tap-off and monitoring

The catalog shows high-current tap-off arrangements and optional wired or wireless monitoring. Define branch protection and total loading for the selected unit.

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Specifications at a glance.

Available ratings and configuration options. Final specifications depend on your selected configuration.

Busway family	Sandwich construction with insulated, stacked copper conductors
Catalog current range	630-6300 A
Section groups detailed	1000 / 1250 / 1600 A and 2000 / 2500 A
Standard section lengths	1 / 1.5 / 2 / 3 m for the detailed section groups
Housing	Anodized aluminum-alloy enclosure
Tap-off positioning	Fixed connection points along the run
Branch configurations	High-current tap-off arrangements; final circuit schedule requires confirmation
Monitoring	Optional wired or wireless monitoring
Feed-in selection note	The catalog states 2000 A and 2500 A feed-in boxes do not include an incoming switch
Typical applications	Main distribution and high-density IT distribution

U.S. PROJECT CONFIGURATION

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APPLICATION FIT

Main distribution / AI / HPC rack deployment / Phased data hall expansion

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Modular Power Pods

Project-defined configuration

Modular electrical enclosures bring project-defined power equipment into an integrated package. Define the system boundary, module scope and site interfaces as part of the electrical infrastructure plan.



PRODUCT FOCUS

Module scope

Explore distribution, transformer, UPS/DC power or energy storage functions as required by the project.

Integration planning

Coordinate equipment interfaces, cable entries and the intended factory testing scope.

Site interfaces

Define foundations, utility connections, installation access and commissioning responsibilities.

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Specifications at a glance.

Available ratings and configuration options. Final specifications depend on your selected configuration.

Product family	Prefabricated electrical enclosure / power pod
Module functions	Medium-voltage distribution; transformer; UPS or DC power; energy storage
Integration scope	Equipment installation, wiring and factory test scope defined per project
Transformer example	10 kV to 400 V in the documented design; not a standard U.S. offering
UPS architecture example	400 V AC UPS in the documented design
DC architecture examples	240 V DC / 800 V DC discussed in the documented design; project qualification required
Storage architecture	Battery / BMS / PCS / EMS integration described in the documented design
Delivery interfaces	Foundation, cable connections, site access and commissioning scope
Dimensions and capacity	Project-defined; no universal module rating or footprint published

U.S. PROJECT CONFIGURATION

Designed for applicable UL requirements. Certification is arranged for the selected project configuration. Custom ratings or design changes may require additional evaluation, testing or a new certification scope.

Allow approximately 3 months for certification planning after the configuration, documentation and test samples are ready, subject to UL review and successful testing.

APPLICATION FIT

Modular electrical infrastructure / New-build and phased expansion / Project-defined power integration

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From equipment assembly to integration.

Review the assembly, wiring and integration scope alongside the project electrical design. Define inspection, test documentation and site interfaces for the selected configuration.



Cabinet assembly



Electrical equipment integration

Tell us what you are building.

Start with the application, project stage and electrical requirements. Share the inputs below to focus the product discussion.

01 Application & site

Existing data center upgrade, colocation expansion, AI/HPC racks, modular IT or a new data hall.

02 Electrical requirements

Voltage, frequency, load, fault current, protection, branch circuits or tap-off requirements.

03 Layout & interfaces

Rack arrangement, cable routing, available space, monitoring and site installation conditions.

04 Procurement & timeline

Project location and stage, scope of supply, technical review process and target schedule.

Discuss your project with Aperium.

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