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.

Discuss your project with Aperium.

info@aperiumtech.com | aperiumtech.com

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

Discuss your project with Aperium.

info@aperiumtech.com | aperiumtech.com