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.

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.

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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