

GPC Modular Stack

Stacked generator, power distribution and chiller infrastructure for modular data center deployments. Factory-integrated modules minimize field installation and construction, with rapid deployment for accelerated project schedules. The expandable multi-module configuration supports up to 14 stacks and provides a complete mechanical and electrical backbone for data halls.



SPECIFICATIONS



Factory built

Mission-critical ready



Up to 14 stacks

Expandable multi-module configuration



Power + cooling

Integrated infrastructure



Serviceable design

Front or one-side service access

KEY ADVANTAGES

- Stacked modular architecture integrates generator, PDC, and chiller systems
- Factory-integrated modules minimize field installation and construction
- Rapid deployment for accelerated project schedules
- Expandable multi-module configuration up to 14 stacks
- Front or one-side service access for simplified maintenance
- Reduced site work with compact, pre-engineered solution

Let's talk about your next project.
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GPC MODULAR ARCHITECTURE

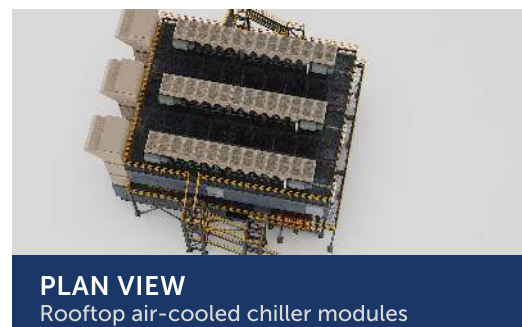
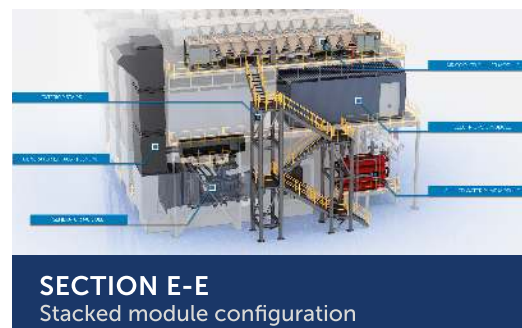
Expandable stacked power and cooling infrastructure engineered for repeatable deployment.

STACKED MODULE CONFIGURATION

- ✓ Level 1 generator modules on concrete pad
- ✓ Structural steel support frame above generator level
- ✓ PDC modules installed on elevated structure
- ✓ Air-cooled chiller modules mounted above PDC
- ✓ Pump modules integrated at lower level
- ✓ Exhaust plenum and roof access stairways integrated

DEPLOYMENT + EXPANSION

- ✓ Modular stack can be repeated and connected in series
- ✓ Expandable concept supports up to 14 modules
- ✓ Provides mechanical and electrical backbone for data hall and admin runs
- ✓ Supports downstream HAC, CDU, HCS, fan wall, and related white-space systems
- ✓ Factory fabrication reduces field labor and site duration



INTEGRATED INFRASTRUCTURE

Complete mechanical and electrical backbone for data halls. Supports data hall, admin, HAC, CDU, HCS and fan wall systems.

MODULE	ROLE
Generator modules	Deliver reliable primary power
PDC modules	Provide electrical distribution and control
Rooftop air-cooled chiller modules	Support facility cooling
Pump modules	Maintain secondary loop circulation