

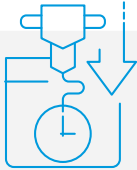
SOLUTION BRIEF

Modular power pods and skids for data centers

Fast-track expansion with fully integrated, prefabricated units

KEY BENEFITS

- Distribute power from the grid reliably and efficiently
- Minimize on-site installation and deployment time
- Delivers exceptional quality and reliability
- Scale rapidly to accommodate AI-driven workloads
- Reduce project design and construction costs

~70% 
reduced on-site testing and cabling time with pretested, fully integrated **power pods** and **power skids**

Power data centers with scalable, modular power pods

Whether building new facilities or upgrading existing ones, data center operators are under pressure to optimize energy efficiency while providing uninterrupted power delivery from grid to chip. Prefabricated, self-contained, modular power pods and power skids provide scalable power distribution and support for critical workloads in any environment, easing the complexity of expansion and grid connectivity and significantly reducing installation time compared to traditional construction.

Integrate critical power systems seamlessly

Flex power pods and power skids integrate MV switchgear, transformers, main LV switchboards, UPS systems, and cooling solutions with interconnecting busbars for easy-to-manage critical power delivery systems that are ideal for:

- Switchgear applications for fast-tracking data center builds
- Quick deployment to remote locations
- Data centers with limited interior space
- Facilities where rapid scalability is a priority
- Providing additional power for AI and HPC workloads
- Locations where skilled technicians are in short supply



Customize power pods to your specifications

Engineered for integration into any greenfield or brownfield data center, Flex power pods are designed using 3D modeling for optimal layout and can be customized based on specific power requirements and spatial considerations. In addition to the power and cooling systems mentioned above, power pods can incorporate lighting, security, and fire protection and detection systems, and will be seismically qualified upon request.

- Fully outfitted and tested within an ISO 9001 quality environment before shipping
- Easily transported and reconfigured as data center needs change
- Situated externally to free space within the data center footprint
- Robust, weatherproof, and secure, with a lifespan of 25+ years



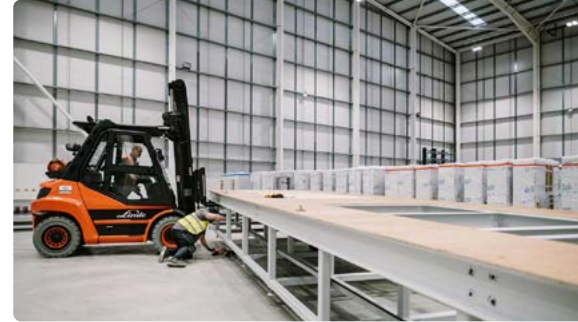
ABOUT FLEX

Flex provides advanced manufacturing capabilities, innovative power and cooling products, and services that solve for data center power, heat, and scale challenges in the AI era. Accelerate data center infrastructure deployment worldwide with Flex.

Maximize indoor space with power skids

Built, integrated, and tested in a controlled factory environment, skid-mounted modular solutions arrive on site ready to deploy, simplifying installation, shortening time to commission, and reducing costs. Power skids are scalable, flexible, and can be built as onsite construction proceeds, accelerating time to compute and allowing for phased data center growth. Available with switchgear preinstalled or as a modular white room solution with interconnecting cabling/busbar, Flex power skids are:

- Designed to meet precise specifications and fully customizable for any data center deployment
- Outfitted with energy and power management systems for reliable, predictable performance
- Fully integrated and tested prior to leaving the factory



Optimize efficiency with intelligent power management

Intelligently designed and integrated power management systems give engineers and operations managers everything needed to help reduce energy costs, mitigate downtime risk, and optimize equipment usage. Flex power pods and power skids incorporate open, interoperable, and scalable energy management systems that track real-time power conditions from devices across single or multiple sites to help optimize energy efficiency, improve system reliability and availability, and maximize the performance of electrical assets.

- Analyze, identify, and correct power issues before they become critical
- Integrate mechanical energy metering (gas, water, LTHW, ChW) for a full picture energy and utility usage
- Improve trend and power quality analysis, along with compliance and historical reporting

Accelerate deployment and scalability worldwide

Accelerate delivery of prefabricated modular power pods and power skids with an unmatched global manufacturing network. Flex enables regionalization strategies while providing the local expertise and global scale needed to drive competitive advantage in today's hypercompetitive data center market. In addition to design, manufacturing, and integration expertise, regionally-based, specialist engineers skilled in metering devices, power monitoring software, programmable logic controllers (PLCs), human-machine interfaces (HMIs), and SCADA systems are on call for when you need them most.



**Smart power
management
capabilities.
Real-time
monitoring.
AI-driven insights.**



The Flex advantage

Scalable, flexible, and efficient, Flex modular power pods and power skids are fully integrated, turnkey solutions that accelerate data center build and power commissioning timelines, even in the most remote sites.

- Pre-integrated, factory-tested systems reduce site work and accelerate deployment timelines
- Reduced build complexity, streamlining installation across geographies
- Backed by Flex's global manufacturing footprint and engineering scale for consistent, repeatable rollouts

Enhance data center efficiency and scalability with modular power pods and skids from Flex.

Learn more

[Power pods](#) | [Power skids](#) | [Energy management systems](#)



For more information, visit [**flex.com/connect**](https://flex.com/connect)

Flex (Reg. No. 199002645H) is the manufacturing partner of choice that helps a diverse customer base design and build products that improve the world. Through the collective strength of a global workforce across 30 countries and responsible, sustainable operations, Flex delivers technology innovation, supply chain, and manufacturing solutions to various industries and end markets.

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